



FY2005 Authorized Equipment List Change Log

This log contains all changes to the on-line version of the FY2005 AEL. Where possible, changes will also be reflected in the downloadable pdf and Excel files. The pdf file does not show the Notes field from the on-line version, so changes to the Notes field will only appear on line and in the Excel spreadsheet.

Date	Item(s) Impacted	Description of Change
01/18/05	6.37, 6.38, 7.5.5, 11.4.0, 11.4.1, 12.10, 21.10	New items, including alert/notification systems for responders and the general public; additional detection equipment for all-hazards mission; additional reference material; specialized emergency response vehicles; and equipment for Joint Information or Operations Centers. See individual items for program eligibility.
01/11/05	7.5.1, 14.3.3, 19.2.1 thru 19.2.10	Corrected eligibility of these items to include EMPG.
12/23/04	10.3 Generator	Corrected eligibility of this item to include EMPG.
12/13/04	AEL PDF Only	Corrected format errors in heading information.
12/06/04	21.5	Addition of Note to describe the Homeland Defense Equipment Reuse (HDER) Program.
12/02/04	All	Initial load of FY2005 Grant Guidance.

Fiscal Year 2005 Authorized Equipment List

The 2005 Authorized Equipment List (AEL) provides information on allowable equipment expenditures for the State Homeland Security Program (SHSP), the Law Enforcement Terrorism Prevention Program (LETPP), the Metropolitan Medical Response System (MMRS), the Emergency Management Performance Grant (EMPG), and the Citizens Corps Program. Each item in the AEL is marked for applicability to appropriate programs. Where applicable, the AEL also provides reference to corresponding items in the 2004 Standardized Equipment List (SEL) published by the InterAgency Board for Equipment Standardization and Interoperability. SEL items are published with additional information such as desirable features, operating considerations, and references to standards. Applicants are encouraged to consult the SEL for more detailed information whenever an SEL reference is provided.

Complete interactive versions of both the AEL and SEL are available on-line in the Responder Knowledge Base (RKB) at www.rkb.mipt.org. The on-line version of the AEL contains Notes on many items that provide additional information. In order to conserve space in this report, **ONLY THE FIRST LINE OF ANY NOTE IS SHOWN HERE**. The full text of the notes is available on-line. Hard copies of the SEL may be requested at www.iab.gov. PDF versions of the SEL and this Grant Application Kit are available for downloading in the RKB.

The 2005 AEL is presented in 21 sections, as follows:

1. Personal Protective Equipment (PPE)
2. Explosive Device Mitigation and Remediation Equipment
3. CBRNE Operational and Search and Rescue Equipment
4. Information Technology
5. CyberSecurity Enhancement Equipment
6. Interoperable Communications Equipment
7. Detection Equipment
8. Decontamination Equipment
9. Medical Supplies and Limited Types of Pharmaceuticals
10. Power Equipment
11. CBRNE Reference Materials
12. CBRNE Incident Response Vehicles
13. Terrorism Incident Prevention Equipment
14. Physical Security Enhancement Equipment
15. Inspection and Screening Systems
16. Agricultural Terrorism Prevention, Response and Mitigation Equipment
17. CBRNE Response Watercraft
18. CBRNE Aviation Equipment
19. CBRNE Logistical Support Equipment
20. Intervention Equipment
21. Other Authorized Equipment

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 1 of 84

How to Interpret the 2005 AEL

Each item has the following attributes in the list:

AEL Ref No:

This is a unique identifier for each item on the AEL, to facilitate referencing it.

SHSP/UASI; LETPP; MMRS; EMPG:

These check boxes indicate whether a particular item is applicable to any or all programs.

Title/Description:

Each item has a title (printed in bold), and most also have additional information in the description field below the title.

Note:

Where notes exist, the first line is displayed under the Title/Description. The full text of notes is available on-line.

Fall 2004 SEL Ref Number:

Where applicable, this field provides a reference to the corresponding item(s) on the 2004 SEL.

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

1.0

NOTES TO APPLICANTS

☒ ☒ ☒ ☐ Changes to Personal Protective Equipment Section

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in accordance with Homeland Security Presidential Directive (HSPD) 8, the FY2005 AEL defines eligible personal protective equipment in terms of nationally-recognized standards. These standards require third-party certification of products; products may not claim compliance with them unless fully certified by an independent third party in accordance with the standard. Further information regarding this transition is available in a short paper authored by the IAB's Personal Protective and Operational Equipment Subgroup. This paper is available on the Responder Knowledge Base (www.rkb.mipt.org) by locating any item in Section 1 of the AEL and referring to the Mission Critical Hint on the right side of the display screen.

(1.1) **Respiratory Protection Equipment**

(1.1.1) *CBRN Self-Contained Breathing Apparatus, Open-Circuit*

1.1.1.1

SCBA, CBRN

01AR-01-SCBA

☒ ☒ ☒ ☐ CBRN SCBA - Self-Contained Breathing Apparatus certified as compliant with NFPA 1981 and certified by NIOSH as compliant with the CBRN SCBA approval criteria. Worn with multiple ensemble configurations below.

(NOTE: DHS has adopted the NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Open-Circuit Self-Contained Breathing Apparatus (SCBA). ONLY SCBAs CERTIFIED BY NIOSH AS COMPLIANT WITH THIS STANDARD ARE ALLOWABLE.)

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.1.1.2

Cylinders and Valve Assemblies, Spare, and Service/Repair Kits, SCBA

01AR-01-SCBC

☒ ☒ ☒ ☐ Spare SCBA Cylinders and valve assemblies, and service/repair kits for previous item.

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.1.1.3

CBRN Retrofit Kit, SCBA

☒ ☒ ☒ ☐ Retrofit kit for existing SCBA products to bring them into compliance with the NIOSH CBRN Standard. These kits are typically produced by the manufacturer of the original equipment, and include compatible replacement parts. They also require installation by either a manufacturer's representative or factory-trained technician.

(NOTE: DHS has adopted the NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Open-Circuit Self-Contained Breathing Apparatus (SCBA). ONLY RETROFIT KITS CERTIFIED BY NIOSH AS COMPLIANT WITH THIS STANDARD ARE ALLOWABLE.)

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 3 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

(1.1.2) CBRN Air-Purifying Respirator (APR)

1.1.2.1

Respirator, Air-Purifying, CBRN

01AR-02-APR

☒ ☒ ☒ ☐

CBRN Air-Purifying Respirator (APR) (certified by NIOSH as compliant with the CBRN approval criteria).
Worn with multiple ensemble configurations below.

(NOTE: DHS has adopted the NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Full Facepiece Air Purifying Respirator (APR). ONLY APRs CERTIFIED BY NIOSH AS COMPLIANT WITH THIS STANDARD ARE ALLOWABLE.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.1.2.2

CBRN Canister or cartridges, APR

01AR-02-APRC

☒ ☒ ☒ ☐

CBRN Canisters or Cartridges for previous item.

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.1.3) CBRN Powered Air-Purifying Respirator (PAPR)

1.1.3.1

Respirator, Powered, Air-Purifying (PAPR)

01AR-03-PAPA

☒ ☒ ☒ ☐

Powered Air-Purifying Respirator (PAPR) (certified by NIOSH as compliant with 42 CFR Part 84 and outfitted with a canister or cartridge appropriate to the response). Worn with multiple ensemble configurations below.

(NOTE: The NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Powered Air-Purifying Escape Respirator is expected to be completed in the first quarter of CY2005. Following the finalization of this standard and an appropriate amount of time for testing, ODP anticipates limiting allowable equipment under this item to those products certified by NIOSH as compliant with the CBRN PAPR statement of standard. Information on the proposed standard and equipment planned for submission when the standard is finalized is available on the Responder Knowledge Base at www.rkb.mipt.org. Grantees who choose to procure such equipment prior to publication of the standard and completion of NIOSH testing should consider including provisions within their equipment procurement contracts whereby vendors/manufacturers must retrofit or replace equipment that fails to meet requirements of the forthcoming standard. Furthermore, grantees should be aware that no additional ODP money will be forthcoming to replace non-standard equipment.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.1.3.2

Battery Pack, PAPR

01AR-03-PAPB

☒ ☒ ☒ ☐

Removable battery pack for Item 1.1.3.1.

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.1.3.3

Canister, PAPR

01AR-03-PAPC

☒ ☒ ☒ ☐

Canisters or Cartridges for Item 1.1.3.1.

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.1.4) CBRN Air-Purifying Escape Respirator

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 4 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

1.1.4.1

Respirator, Escape

01AR-04-ESCA

☒ ☒ ☒ ☐

General purpose mask designed for short duration protection sufficient for evacuation.

(NOTE: DHS has adopted the NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator and CBRN Self-Contained Escape Respirator. Although manufacturers may have conducted self-testing of their products, NIOSH testing of equipment against these standards is not yet complete. Following completion of these tests, ODP anticipates limiting allowable equipment under this standard to items that successfully meet test requirements. As a result, grantees should consider delaying procurement of items covered by the above-referenced standards until testing is complete and the results are published. Test results will be posted on the Responder Knowledge Base as soon as they are available at <http://www.rkb.mipt.org>.

If grantees procure these types of equipment before testing is complete, design and performance requirements identified by the standards cannot be verified.

Grantees who choose to procure such equipment prior to completion of the third-party testing should consider including provisions within their equipment procurement contracts whereby vendors/manufacturers must retrofit or replace equipment that fails to meet requirements of the standards currently undergoing testing. Furthermore, grantees should be aware that no additional ODP money will be forthcoming to replace non-standard equipment.)

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.1.5) *Support Equipment*

1.1.5.1

Tester, Mask Leak/Fit

01AR-05-FTST

☒ ☒ ☒ ☐

A device used for performing fit testing of respirator facepieces to determine quality of face to mask seal.

(1.2) *NFPA 1994 Class 1 Ensembles*

(1.2.1) *Ensemble*

1.2.1.1

Ensemble, Chemical/Biological Protective, NFPA 1994 Class 1

01C1-01-ENSM

☒ ☒ ☒ ☐

NFPA 1994 Class 1 Chemical/Biological Terrorism Protective Ensemble, including totally encapsulating suit with attached gloves and footwear or booties with outer boots (certified as compliant with NFPA 1994). Other separate items, such as CBRN SCBA, are required.

(ONLY ENSEMBLES CERTIFIED AS COMPLIANT WITH NFPA 1994 ARE ELIGIBLE FOR PURCHASE.)

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.2.2) *Required Ensemble Elements*

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 5 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

1.2.2.1	Footwear, Chemical/Biological Protective, NFPA 1994 Class 1	01C1-02-FTWR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1994 Class 1 Chemical/Biological Terrorism Protective Footwear, (certified as compliant with NFPA 1994). Must be certified as part of a complete ensemble. (ONLY FOOTWEAR CERTIFIED AS COMPLIANT WITH NFPA 1994 IS ELIGIBLE FOR PURCHASE.)	
<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		
1.2.2.2	Garment, Chemical/Biological Protective, NFPA 1994 Class 1	01C1-02-GARM
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1994 Class 1 Chemical/Biological Terrorism Protective Garment, a totally encapsulating suit with attached gloves (certified as compliant with NFPA 1994). Must be certified as part of a complete ensemble, including footwear. (ONLY GARMENTS CERTIFIED AS COMPLIANT WITH NFPA 1994 ARE ELIGIBLE FOR PURCHASE.)	
<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		
(1.2.3)	<i>Suggested Support Items</i>	

1.2.3.1	Equipment, Inflation Testing	01C1-03-ITST
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Inflation testing equipment specific to Item 1.2.1.1.	
1.2.3.2	Suit, Training	01C1-03-TRST
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Training suit based on similar design, but different materials as Item 1.2.1.1.	

(1.3) NFPA 1994 Class 2 Ensembles

(1.3.1) *Ensemble*

1.3.1.1	Ensemble, Chemical/Biological Protective, NFPA 1994 Class 2	01C2-01-ENSM
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1994 Class 2 Chemical/Biological Terrorism Protective Ensemble, including suit with attached gloves and footwear or booties with outer boots (certified as compliant with NFPA 1994). (ONLY ENSEMBLES CERTIFIED AS COMPLIANT WITH NFPA 1994 ARE ELIGIBLE FOR PURCHASE.)	
<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		

(1.3.2) *Required Ensemble Elements*

1.3.2.1	Footwear, Chemical/Biological Terrorism Protective, NFPA 1994 Class 2	01C2-02-FTWR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Chemical/Biological Protective Footwear, NFPA 1994 Class 2 (certified as compliant with NFPA 1994). Must be certified as part of a complete ensemble. (ONLY FOOTWEAR CERTIFIED AS COMPLIANT WITH NFPA 1994 IS ELIGIBLE FOR PURCHASE.)	
<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		

Section: 1 Personal Protective Equipment

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

1.3.2.2	Garment, Chemical/Biological Terrorism Protective, NFPA 1994 Class 2	01C2-02-GARM
----------------	-----------------------------------------------------------------------------	--------------

☒ ☒ ☒ ☐

Chemical/Biological Protective Garment, NFPA 1994 Class 2 (certified as compliant with NFPA 1994). Must be certified as part of a complete ensemble, including footwear and gloves.

(ONLY GARMENTS CERTIFIED AS COMPLIANT WITH NFPA 1994 ARE ELIGIBLE FOR PURCHASE.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.3.2.3	Gloves, Chemical/Biological Terrorism Protective, NFPA 1994 Class 2	01C2-02-GLOV
----------------	----------------------------------------------------------------------------	--------------

☒ ☒ ☒ ☐

Chemical/Biological Protective Gloves, NFPA 1994 Class 2 (certified as compliant with NFPA 1994, and certified as a component of the 1994 Class 2 ensemble). Must be certified as part of a complete ensemble.

(ONLY GLOVES CERTIFIED AS COMPLIANT WITH NFPA 1994 ARE ELIGIBLE FOR PURCHASE.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.3.3) Suggested Support Items

1.3.3.1	Suit, Training	01C2-03-TRST
----------------	-----------------------	--------------

☒ ☒ ☒ ☐

Training suit based on similar design, but different materials as Item 1.3.1.1.

(1.4) NFPA 1994 Class 3 Ensembles

(1.4.1) Ensemble

1.4.1.1	Ensemble, Chemical/Biological Protective, NFPA 1994 Class 3	01C3-01-ENSM
----------------	--------------------------------------------------------------------	--------------

☒ ☒ ☒ ☐

NFPA 1994 Class 3 Chemical/Biological Terrorism Protective Ensemble, including suit or garment with attached or separate gloves and footwear or booties with outer boots (certified as compliant with NFPA 1994).

(ONLY ENSEMBLES CERTIFIED AS COMPLIANT WITH NFPA 1994 ARE ELIGIBLE FOR PURCHASE.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.4.2) Required Ensemble Elements

1.4.2.1	Footwear, Chemical/Biological Protective, NFPA 1994 Class 3	01C3-02-FTWR
----------------	--------------------------------------------------------------------	--------------

☒ ☒ ☒ ☐

NFPA 1994 Class 3 Chemical/Biological Terrorism Protective Footwear (certified as compliant with NFPA 1994).

(ONLY FOOTWEAR CERTIFIED AS COMPLIANT WITH NFPA 1994 IS ELIGIBLE FOR PURCHASE.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 7 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

1.4.2.2	Garment, Chemical/Biological Protective, NFPA 1994 Class 3	01C3-02-GARM
----------------	-------------------------------------------------------------------	--------------

☒ ☒ ☒ ☐

Chemical/Biological Protective Garment, NFPA 1994 Class 3 (certified as compliant with NFPA 1994). Must be certified as part of a complete ensemble, including footwear and gloves.

(ONLY GARMENTS CERTIFIED AS COMPLIANT WITH NFPA 1994 ARE ELIGIBLE FOR PURCHASE.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.4.2.3	Gloves, Chemical/Biological Protective, NFPA 1994 Class 3	01C3-02-GLOV
----------------	------------------------------------------------------------------	--------------

☒ ☒ ☒ ☐

NFPA 1994 Class 3 Chemical/Biological Terrorism Protective Gloves (certified as compliant with NFPA 1994).

(ONLY GLOVES CERTIFIED AS COMPLIANT WITH NFPA 1994 ARE ELIGIBLE FOR PURCHASE.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.4.3) *Suggested Support Items*

1.4.3.1	Suit, Training	01C3-03-TRST
----------------	-----------------------	--------------

☒ ☒ ☒ ☐

Training suit based on similar design, but different materials as Item 1.4.1.1.

(1.5) NFPA 1991 Ensembles with Optional Chemical/Biological Terrorism Protection

(1.5.1) *Ensemble*

1.5.1.1	Ensemble, Vapor-Protective, with Optional C/B Protection, NFPA 1991	01VT-01-ENSM
----------------	----------------------------------------------------------------------------	--------------

☒ ☒ ☒ ☐

NFPA 1991 vapor-protective ensemble with optional C/B protection, including totally encapsulating suit with attached or separate gloves and footwear or booties with outer boots (certified as compliant with NFPA 1991 with chemical/biological terrorism option). Note: New edition of NFPA 1991 due in Feb 05.

(ONLY ENSEMBLES CERTIFIED AS COMPLIANT WITH NFPA 1991 ARE ELIGIBLE FOR PURCHASE.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.5.2) *Required Ensemble Elements*

1.5.2.1	Footwear, Vapor-Protective, with Optional C/B Protection, NFPA 1991	01VT-02-FTWR
----------------	----------------------------------------------------------------------------	--------------

☒ ☒ ☒ ☐

NFPA 1991 vapor-protective footwear with optional C/B protection (certified as compliant with NFPA 1991 with chemical/biological terrorism option). Note: New edition of NFPA 1991 due in Feb 05.

(ONLY FOOTWEAR CERTIFIED AS COMPLIANT WITH NFPA 1991 IS ELIGIBLE FOR PURCHASE.)

Note:

Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 8 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

-
- | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1.5.2.2
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Garment, Vapor-Protective, with Optional C/B Protection, NFPA 1991
NFPA 1991 vapor-protective garment with optional C/B protection (certified as compliant with NFPA 1991 with chemical/biological terrorism option).
Note: New edition of NFPA 1991 due in Feb 05.

(ONLY GARMENTS CERTIFIED AS COMPLIANT WITH NFPA 1991 ARE ELIGIBLE FOR PURCHASE.)

<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in | 01VT-02-GARM |
| 1.5.2.3
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Gloves, Vapor-Protective, with Optional C/B Protection, NFPA 1991
NFPA 1991 vapor-protective gloves with optional C/B protection (certified as compliant with NFPA 1991 with chemical/biological terrorism option). Note: New edition of NFPA 1991 due in Feb 05.

(ONLY GLOVES CERTIFIED AS COMPLIANT WITH NFPA 1991 ARE ELIGIBLE FOR PURCHASE.)

<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in | 01VT-02-GLOV |

(1.5.3) *Suggested Support Items*

-
- | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------|
| 1.5.3.1
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Equipment, Inflation Testing
Inflation testing equipment specific to Item 1.5.1.1. | 01VT-03-ITST |
| 1.5.3.2
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Suit, Training
Training suit based on similar design, but different materials as Item 1.5.1.1. | 01VT-03-TRST |

(1.6) NFPA 1991 Ensembles with Optional Chemical/Biological Terrorism Protection a

(1.6.1) *Ensemble*

-
- | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1.6.1.1
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Ensemble, Vapor-Protective, with Optional C/B and Flash Fire Protection, NFPA 1991
NFPA 1991 vapor-protective ensemble with optional C/B and flash fire protection, including totally encapsulating suit with attached or separate gloves and footwear or booties with outer boots (certified as compliant with NFPA 1991 with chemical/biological terrorism option and flash fire protection options). Note: New edition of NFPA 1991 due in Feb 05.

(ONLY ENSEMBLES CERTIFIED AS COMPLIANT WITH NFPA 1991 ARE ELIGIBLE FOR PURCHASE.)

<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in | 01VF-01-ENSM |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|

(1.6.2) *Required Ensemble Elements*

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 9 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

1.6.2.1	Footwear, Vapor-Protective, with Optional C/B and Flash Fire Protection, NFPA 1991	01VF-02-FTWR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1991 vapor-protective footwear with optional C/B and flash fire protection (certified as compliant with NFPA 1991 with chemical/biological terrorism option and flash fire protection options). Note: New edition of NFPA 1991 due in Feb 05. (ONLY FOOTWEAR CERTIFIED AS COMPLIANT WITH NFPA 1991 IS ELIGIBLE FOR PURCHASE.)	
Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		
1.6.2.2	Garment, Vapor-Protective, with Optional C/B and Flash Fire Protection, NFPA 1991	01VF-02-GARM
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1991 vapor-protective garment with optional C/B and flash fire protection (certified as compliant with NFPA 1991 with chemical/biological terrorism option and flash fire protection options). Note: New edition of NFPA 1991 due in Feb 05. (ONLY GARMENTS CERTIFIED AS COMPLIANT WITH NFPA 1991 ARE ELIGIBLE FOR PURCHASE.)	
Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		
1.6.2.3	Gloves, Vapor-Protective, with Optional C/B and Flash Fire Protection, NFPA 1991	01VF-02-GLOV
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1991 vapor-protective gloves with optional C/B and flash fire protection (certified as compliant with NFPA 1991 with chemical/biological terrorism option and flash fire protection options). Note: New edition of NFPA 1991 due in Feb 05. (ONLY GLOVES CERTIFIED AS COMPLIANT WITH NFPA 1991 ARE ELIGIBLE FOR PURCHASE.)	
Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		

(1.6.3) *Suggested Support Items*

1.6.3.1	Equipment, Inflation Testing	01VF-03-ITST
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Inflation testing equipment specific to Item 1.6.1.1.	
1.6.3.2	Suit, Training	01VF-03-TRST
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Training suit based on similar design, but different materials as Item 1.6.1.1.	

(1.7) NFPA 1992 Splash-Protective Ensembles and Items

(1.7.1) *Liquid Splash-Protective Ensemble*

1.7.1.1	Ensemble, Liquid Splash-Protective, Encapsulating, NFPA 1992	01SP-01-ENCP
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Encapsulating liquid-splash protective ensemble (certified as compliant to NFPA 1992). Note: New edition of NFPA 1992 due in Feb 05. (ONLY ENSEMBLES CERTIFIED AS COMPLIANT WITH NFPA 1992 ARE ELIGIBLE FOR PURCHASE.)	
Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

1.7.1.2	Ensemble, Liquid Splash-Protective, Non-Encapsulating, NFPA 1992	01SP-01-NECP
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Non-encapsulating liquid-splash protective ensemble (certified as compliant to NFPA 1992). Note: New edition of NFPA 1992 due in Feb 05. (ONLY ENSEMBLES CERTIFIED AS COMPLIANT WITH NFPA 1992 ARE ELIGIBLE FOR PURCHASE.)	

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.7.2) *Liquid Splash-Protective Clothing*

1.7.2.1	Footwear, Liquid Splash-Protective, NFPA 1992	01SP-02-FTWR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Liquid-splash protective footwear (certified as compliant to NFPA 1992). Note: New edition of NFPA 1992 due in Feb 05. (ONLY FOOTWEAR CERTIFIED AS COMPLIANT WITH NFPA 1992 IS ELIGIBLE FOR PURCHASE.)	

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.7.2.2	Gloves, Liquid Splash-Protective, NFPA 1992	01SP-02-GLOV
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Liquid splash-protective gloves (certified as compliant to NFPA 1992). Note: New edition of NFPA 1992 due in Feb 05. (ONLY GLOVES CERTIFIED AS COMPLIANT WITH NFPA 1992 ARE ELIGIBLE FOR PURCHASE.)	

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.7.2.3	Garment, Liquid Splash-Protective, NFPA 1992	01SP-02-GRMT
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Liquid splash-protective garment (certified as compliant to NFPA 1992). Note: New edition of NFPA 1992 due in Feb 05. (ONLY GARMENTS CERTIFIED AS COMPLIANT WITH NFPA 1992 ARE ELIGIBLE FOR PURCHASE.)	

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.8) *NFPA 1951 Ensembles (Search and Rescue)*

(1.8.1) *Required Ensemble Elements*

1.8.1.1	Eye/Face Protection, SAR Operations, NFPA 1951	01US-01-EYEP
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1951 USAR Operations eye/face protection (certified as compliant with NFPA 1951). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1951 ARE ELIGIBLE FOR PURCHASE.)	

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.8.1.2	Footwear, Protective, USAR Operations, NFPA 1951	01US-01-FTWR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1951 USAR Operations protective footwear (certified as compliant with NFPA 1951). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1951 ARE ELIGIBLE FOR PURCHASE.)	

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

1.8.1.3	Garment, Protective, USAR Operations, NFPA 1951	01US-01-GARM
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1951 USAR Operations protective garment (certified as compliant with NFPA 1951). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1951 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.8.1.4	Gloves, Protective, USAR Operations, NFPA 1951	01US-01-GLOV
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1951 USAR Operations protective gloves (certified as compliant with NFPA 1951). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1951 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.8.1.5	Helmet, Protective, USAR Operations, NFPA 1951	01US-01-HLMT
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1951 USAR Operations protective helmet (certified as compliant with NFPA 1951). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1951 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	

(1.9) NFPA 1999 Protective Clothing (Emergency Medical Services)

(1.9.1) Items

1.9.1.1	Eye/Face Protection Devices, Emergency Medical, NFPA 1999	01EM-01-EYEP
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1999 emergency medical eye and face protection devices (certified as compliant with NFPA 1999). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1999 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.9.1.2	Footwear Covers, Emergency Medical, NFPA 1999	01EM-01-FTWC
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1999 emergency medical protective footwear covers (certified as compliant with NFPA 1999). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1999 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.9.1.3	Footwear, Emergency Medical, NFPA 1999	01EM-01-FTWR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1999 emergency medical protective footwear (certified as compliant with NFPA 1999). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1999 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 12 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

1.9.1.4	Garment, Emergency Medical, NFPA 1999	01EM-01-GARM
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1999 emergency medical protective garment (certified as compliant with NFPA 1999). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1999 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.9.1.5	Gloves, Emergency Medical, Cleaning, NFPA 1999	01EM-01-GLCL
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1999 emergency medical cleaning gloves (certified as compliant with NFPA 1999). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1999 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.9.1.6	Gloves, Emergency Medical, Protective, NFPA 1999	01EM-01-GLMP
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1999 emergency medical protective gloves (certified as compliant with NFPA 1999). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1999 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.9.1.7	Gloves, Emergency Medical, Work, NFPA 1999	01EM-01-GLMW
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1999 emergency medical work gloves (certified as compliant with NFPA 1999). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1999 ARE ELIGIBLE FOR PURCHASE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	

(1.10) NFPA 1971 Ensembles (Structural Fire Fighting)

(1.10.1) *Required Ensemble Elements*

1.10.1.1	Garment, Protective, Structural Fire Fighting, NFPA 1971	01SF-01-GARM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1971 structural fire fighting protective garment (certified as compliant with NFPA 1971). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1971 ARE ELIGIBLE FOR PURCHASE.) (NOTE: NFPA 1971 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.) <i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 13 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

1.10.1.2	Footwear, Structural Fire Fighting Protective, NFPA 1971	01SF-01-FTWR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1971 structural fire fighting protective footwear (certified as compliant with NFPA 1971). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1971 ARE ELIGIBLE FOR PURCHASE.) (NOTE: NFPA 1971 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)	
<i>Note:</i>	Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.10.1.3	Gloves, Protective, Structural Fire Fighting, NFPA 1971	01SF-01-GLOV
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1971 structural fire fighting protective gloves (certified as compliant with NFPA 1971). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1971 ARE ELIGIBLE FOR PURCHASE.) (NOTE: NFPA 1971 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)	
<i>Note:</i>	Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.10.1.4	Helmet, Protective, Structural Fire Fighting, NFPA 1971	01SF-01-HLMT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1971 structural fire fighting protective helmet (certified as compliant with NFPA 1971). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1971 ARE ELIGIBLE FOR PURCHASE.) (NOTE: NFPA 1971 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)	
<i>Note:</i>	Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	
1.10.1.5	Hood, Protective, Structural Fire Fighting, NFPA 1971	01SF-01-HOOD
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	NFPA 1971 structural fire fighting protective hood (certified as compliant with NFPA 1971). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1971 ARE ELIGIBLE FOR PURCHASE.) (NOTE: NFPA 1971 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)	
<i>Note:</i>	Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 14 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

SHSP/ LETPP MMRS EMPG
UASI

SEL Ref Number

(1.11) NFPA 1976 Ensembles (Proximity Fire Fighting, High Radiant Heat)

(1.11.1) *Required Ensemble Elements*

1.11.1.1 Garment, Protective, Proximity Fire Fighting, NFPA 1976 01SH-01-GARM

☒ ☐ ☒ ☐ Structural fire fighting protective garment (certified as compliant with NFPA 1976).

(ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1976 ARE ELIGIBLE FOR PURCHASE.)

(NOTE: NFPA 1976 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.11.1.2 Footwear, Protective, Proximity Fire Fighting, NFPA 1976 01SH-01-FTWR

☒ ☐ ☒ ☐ Structural fire fighting protective footwear (certified as compliant with NFPA 1976).

(ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1976 ARE ELIGIBLE FOR PURCHASE.)

(NOTE: NFPA 1976 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

1.11.1.3 Gloves, Protective, Proximity Fire Fighting, NFPA 1976 01SH-01-GLOV

☒ ☐ ☒ ☐ Structural fire fighting protective gloves (certified as compliant with NFPA 1976).

(ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1976 ARE ELIGIBLE FOR PURCHASE.)

(NOTE: NFPA 1976 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

Section: 1 *Personal Protective Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

1.11.1.4	Helmet, Protective, Proximity Fire Fighting, NFPA 1976	01SH-01-HLMT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Structural fire fighting protective helmet (certified as compliant with NFPA 1976). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1976 ARE ELIGIBLE FOR PURCHASE.) (NOTE: NFPA 1976 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)	
<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		
1.11.1.5	Shroud, Protective, Proximity Fire Fighting, NFPA 1976	01SH-01-SHRD
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Structural fire fighting protective shroud (certified as compliant with NFPA 1976). (ONLY ENSEMBLE ELEMENTS CERTIFIED AS COMPLIANT WITH NFPA 1976 ARE ELIGIBLE FOR PURCHASE.) (NOTE: NFPA 1976 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)	
<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		
(1.11.2) <i>Optional Ensemble Elements</i>		

1.11.2.1	Cover, SCBA, Protective Radiant Heat	01SH-02-SCBH
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Protective radiant heat cover for SCBA. (NOTE: NFPA 1976 ELEMENTS PURCHASED UNDER THIS GRANT PROGRAM ARE ALLOWABLE ONLY TO SUPPLEMENT NORMAL STORES, IN ORDER TO PROVIDE THE SURGE CAPACITY NECESSARY FOR CBRNE TERRORISM RESPONSE. THEY ARE NOT INTENDED FOR ROUTINE USE.)	

(1.12) PPE Accessories

(1.12.1) *Personal Alert Safety Systems*

1.12.1.1	System, Personal Alert Safety (PASS)	01ZA-01-PASS
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	PASS Device - Personal Alert Safety System (certified as compliant with NFPA 1982). (ONLY DEVICES CERTIFIED AS COMPLIANT WITH NFPA 1982 ARE ELIGIBLE FOR PURCHASE.)	
<i>Note:</i> Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in		

(1.12.2) *Gloves & Footwear*

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 16 of 84

Section: 1 *Personal Protective Equipment*

AEL Ref No
SHSP/LETPP MMRS EMPG
UASI

Title / Description

Fall 2004
SEL Ref Number

1.12.2.1	Covers, Outer Footwear	01ZA-02-FTWC
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Disposable outer footwear covers for contamination hazard protection (no standard currently applies for this item). (FOR USE ONLY WITH ALLOWABLE PERSONAL PROTECTIVE ENSEMBLES.)	
1.12.2.2	Gloves, Inner, Cotton	01ZA-02-GLIC
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Inner cotton gloves (no standard currently applies for this item). (FOR USE ONLY WITH ALLOWABLE PERSONAL PROTECTIVE ENSEMBLES.)	
1.12.2.3	Gloves, Outer, Disposable	01ZA-02-GLOD
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Outer disposable gloves for contamination protection (marked in accordance with ANSI/ISEA 105). (FOR USE ONLY WITH ALLOWABLE PERSONAL PROTECTIVE ENSEMBLES.)	
1.12.2.4	Gloves, Outer, Work	01ZA-02-GLOW
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Outer work gloves for physical hazard protection (marked in accordance with ANSI/ISEA 105). (FOR USE ONLY WITH ALLOWABLE PERSONAL PROTECTIVE ENSEMBLES.)	

(1.12.3) *Undergarments*

1.12.3.1	Undergarment, Non-Flame-Resistant	01ZA-03-UNDR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Non-flame-resistant undergarment for comfort and for contamination control during doffing (no standard currently applies for this item). (FOR USE ONLY WITH ALLOWABLE PERSONAL PROTECTIVE ENSEMBLES.)	
1.12.3.2	Undergarment, Flame-Resistant	01ZA-03-UNFR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Flame-resistant undergarment (certified as compliant with NFPA 2112 or the flame-resistant option of NFPA 1975). (NOTE: FOR USE ONLY WITH ALLOWABLE PERSONAL PROTECTIVE ENSEMBLES. ONLY GARMENTS CERTIFIED AS COMPLIANT WITH NFPA 2112 OR THE FLAME-RESISTANT OPTION OF NFPA 1975 ARE ALLOWABLE.)	

Note: Following the lead of the Interagency Board for Equipment Standardization and Interoperability (IAB), and in

(1.12.4) *Other Accessories*

Section: 1 Personal Protective Equipment

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

1.12.4.1

Garment/Vest/Device, Cooling

01ZA-04-COOL

☒ ☒ ☒ ☐

Cooling garment, vest, or device (no standard currently applies for this item).

(NOTE: FOR USE ONLY WITH ALLOWABLE PERSONAL PROTECTIVE ENSEMBLES.)

1.12.4.2

Hardhat

01ZA-04-HHAT

☒ ☒ ☒ ☐

Hardhat (certified as compliant to ANSI 89.1).

(NOTE: FOR USE ONLY WITH ALLOWABLE PERSONAL PROTECTIVE ENSEMBLES. ONLY HARDHATS CERTIFIED AS COMPLIANT WITH ANSI 89.1 ARE ALLOWABLE.)

(1.13) Ancillary Equipment

(1.13.1) Miscellaneous

1.13.1.1

Bag/Box, Ensemble Gear Storage

01ZP-00-GBAG

☒ ☒ ☒ ☐

Ensemble gear storage bag or box (no standard currently applies for this item).

(NOTE: FOR USE ONLY WITH ALLOWABLE EQUIPMENT.)

1.13.1.2

Approved Chemical Resistant Tape

☒ ☒ ☒ ☐

1.13.1.3

Vest or Outer Garment, High visibility

01ZA-04-VEST

☒ ☒ ☒ ☐

High visibility vest or outer garment, (certified as compliant with ANSI/ISEA 107).

(ONLY GARMENTS CERTIFIED AS COMPLIANT WITH ANSI/ISEA 107 ARE ALLOWABLE).

Section: 2 Explosive Device Mitigation and Remediation Equipment

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

(2.1) Protective Equipment

(2.1.1) Ensembles

2.1.1.1	Suit, Improvised Explosive Device/Explosive Ordnance Disposal (IED/EOD) Protective Ensemble	01XD-01-BSUT
----------------	----------------------------------------------------------------------------------------------------	--------------

☒ ☒ ☐ ☐

Suit to provide protection from fragmentation, blast overpressure, heat and light flash, and flame generated by an Improvised Explosive Device (IED), explosives, or Unexploded Ordnance (UXO). Not for riot suppression.

(NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)

2.1.1.2	Ensemble, Reconnaissance, Improvised Explosive Device/Explosive Ordnance Disposal (IED/EOD)	01XD-01-RCO
----------------	----------------------------------------------------------------------------------------------------	-------------

☒ ☒ ☐ ☐

IED/EOD protective ensemble intended to protect the head and torso from explosive fragmentation and flame. Include ballistic helmet, ballistic face shield, and ballistic vest. Not for riot suppression.

(NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)

2.1.1.3	Suit, "Search", Improvised Explosive Device/Explosive Ordnance Disposal (IED/EOD) Protective Ensemble	01XD-01-SRCH
----------------	--------------------------------------------------------------------------------------------------------------	--------------

☒ ☒ ☐ ☐

Suit to provide protection from fragmentation blast overpressure, heat and light flash, and flame generated by an IED. Suit to be worn in an IED search and location function or with chemical / biological or respiratory protection equipment. Not for riot suppression.

(NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)

(2.1.2) Elements

2.1.2.1	Boots, IED/EOD	01XD-02-BOOT
----------------	-----------------------	--------------

☒ ☒ ☐ ☐

Heavy-duty, non-static producing footwear for use with IED/EOD ensembles.

2.1.2.2	Clothing, Operational, and Specialized/Protective Gear IED/EOD	01XD-02-CLTH
----------------	-----------------------------------------------------------------------	--------------

☒ ☒ ☐ ☐

IED/EOD protective outer clothing used in conjunction with recon ensemble or in lieu of full protective ensemble for known minimum threat situation. Not for riot suppression.

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 19 of 84

Section: 2 Explosive Device Mitigation and Remediation Equipment

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

2.1.2.3

Equipment, Hand Protection, IED/EOD

01XD-02-HAND

☒ ☒ ☐ ☐

Hand protection component to IED/EOD protective ensemble system; protective gloves and ballistic hand covers. Not for riot suppression.

(NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)

2.1.2.4

Equipment, Head and Face Protection, IED/EOD

01XD-02-HLMT

☒ ☒ ☐ ☐

Helmet Protective System Component to IED/EOD Protective Ensemble System, forced air system. Includes ballistic helmet and face shield compatible with bomb suit or search suit above. Includes faces shields with vision correction capability (either using a prescription shield or overlay). Not for riot suppression.

(NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)

2.1.2.5

Blast and Overpressure Threat Ear Protection

☒ ☒ ☐ ☐

Molded ear plug or other device to be worn under the ballistic protective helmet. Not for riot suppression.

(2.2) Mitigation and Remediation Equipment

2.2.1

Canines, Explosive Detecting

02EX-00-DOGS

☒ ☒ ☐ ☐

Explosive detecting canines, related CBRNE training, and protective garments.

2.2.2

Equipment, Explosive Entry

02EX-00-EXEN

☒ ☒ ☐ ☐

Explosive entry equipment, upgrades. Does NOT include explosive materials.

2.2.3

Magazines, Portable or Transportable, Explosive

02EX-00-EXMP

☒ ☒ ☐ ☐

Portable or transportable magazines for storage / transport of explosive materials to and from incident scene.

(NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 20 of 84

Section: 2 Explosive Device Mitigation and Remediation Equipment

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/LETPP MMRS EMPG UASI</i>		
2.2.4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Kit, Fiber Optic Kit, Fiber Optic (inspection or viewing).	02EX-00-KTFO
2.2.5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Detector, Metal Metal detection device.	02EX-00-MTDT
2.2.6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Equipment, Post Blast Investigation, Explosives/IED Investigation Equipment, Post Blast Investigation, Explosives/IED investigation, upgrades.	02EX-00-PBIE
2.2.7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Robot, Attachments, Tools Robot, related attachments, tools. (NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)	02EX-00-RBTS
2.2.8 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Robot Upgrades Robot Upgrades, chemical, biological, nuclear, radiological detection devices, cameras, disruption ability, remote operation. (NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)	02EX-00-RBTU
2.2.9 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	TCV, vented containment vessel, transportation Total Containment Vessel, vented, for containment, transportation, temporary storage. (NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)	02EX-00-TCVV
2.2.10 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	WMD Upgrades, TCV WMD upgrades for TCV (Total Containment Vessel), transportation vessel. (NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)	02EX-00-TCVW

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 21 of 84

Section: 2 Explosive Device Mitigation and Remediation Equipment

AEL Ref No <i>SHSP/ LETPP MMRS EMPG UASI</i>	Title / Description	Fall 2004 SEL Ref Number
------------------------------------------------------------	----------------------------	-------------------------------------

2.2.11	Tools, Remote Opening, Examination, Related Equipment	02EX-00-TLRO
---------------	--------------------------------------------------------------	--------------

<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Remote opening tools, rigging kits, pulleys, clamps, probes, mirrors, hand, electric, pneumatic, stethoscope, non-sparking tools, etc.
---------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

2.2.12	X-Ray Unit, Portable or Transportable	02EX-01-XRAP
---------------	----------------------------------------------	--------------

<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Portable or transportable X-Ray unit, related attachments and equipment, film, image screens, computers for image storing/transmission, upgrades.
---------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------

(NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)

2.2.13	Tools, IED Remediation, Non-Explosive	02EX-02-TLEX
---------------	----------------------------------------------	--------------

<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Non-explosive tools for IED remediation, including mitigation tents, upgrades, boot bangers, bomb blankets. Does NOT include explosive material.
---------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------

(NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)

2.2.14	Tools, Pipe Bomb Disabling	02EX-02-TLPB
---------------	-----------------------------------	--------------

<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Pipe bomb disabling tools, attachments, disrupter, and related upgrades.
---------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------

(NOTE: Should be purchased for and used by accredited bombs squads. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.)

Section: 3 *CBRNE Operational and Search and Rescue Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

(3.1) Search and Rescue

3.1.1	Hydraulic tools; hydraulic power unit	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
3.1.2	Breaking devices (including spreaders, saws and hammers)	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
3.1.3	Lifting devices (including air bag systems, hydraulic rams, jacks, ropes and block and tackle)	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
3.1.4	Blocking and bracing materials	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
3.1.5	Rope, Life Safety	03RS-00-ROPE
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Rope of various diameters and ratings	
3.1.6	Rope Software	03RS-00-ROSO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Includes items such as: Prusik cords, softrope grabs, bags, webbing, protection.	
3.1.7	Hardware, Rappelling or Rescue Operations	03RS-00-ROHA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Rappelling/rescue hardware, including ascenders, handrope grabs, carabiners, plates, racks, etc.	
3.1.8	Harnesses, Life Safety/Rappelling	03RS-00-HARN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Body harnesses used to support a person during rappelling or rope rescue operations	
3.1.9	Evacuation stretchers, baskets, and chairs (for evacuation of disabled personnel)	08D1-03-LITR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
3.1.10	Lights, Hand, Explosion Proof	03SE-00-LTHE
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Explosion-proof handheld lights	
3.1.11	Lighting System, Helmet Mounted	03EQ-00-LTHM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Helmet mounted lighting system	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 23 of 84

Section: 3 *CBRNE Operational and Search and Rescue Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

- | | | |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 3.1.12 | Search Cameras | |
| <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Including video and thermal imaging | |
| 3.1.13 | Listening Devices | |
| <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Devices that provide enhanced audio detection capability for use in search and rescue operations, including remote operation. | |
| 3.1.14 | Confined Space Kits (such as MSA Watchman) | |
| <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3.1.15 | Ventilation Fans, Explosive-Proof | |
| <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | | |
| 3.1.16 | Equipment, Underwater | |
| <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Includes lights, metal detectors, communication and video units, lift bags, water rescue helmets, ice hooks, buoyancy compensator, and underwater scooter/DPV. | |
| 3.1.17 | Equipment, SCUBA | |
| <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Includes exposure and pressurized suits, face masks, regulators, air tanks, and pony bottles. | |
| 3.1.18 | Canines, Search and Rescue | |
| <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Search and rescue canines, related CBRNE training, and protective garments. | |

(3.2) **Operational Equipment**

- | | | |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------|
| 3.2.1 | Vests, Operational | 03EQ-00-VSTO |
| <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Operational vests; duty gear and modular load bearing systems. | |
| 3.2.2 | Cables, Grounding | 03EQ-00-GRCA |
| <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Grounding cables, point-type clamps on both ends; 1/8" stainless steel (uninsulated) 50' minimum. | |
| 3.2.3 | Rod, Copper Grounding | 03EQ-00-GRRD |
| <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | Copper grounding rod, 3/4" x 6' (minimum length) with slide hammer. | |

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 24 of 84

Section: 3 *CBRNE Operational and Search and Rescue Equipment*

AEL Ref No	Title / Description	Fall 2004 SEL Ref Number
<i>SHSP/ LETPP MMRS EMPG UASI</i>		

3.2.4	Tester, Ground Resistance	03EQ-00-GRRT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Ground resistance tester	
3.2.5	Kit, Chemical Leak Control	03EQ-00-KTCL
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Chemical leak control kit	
3.2.6	Kit, Tool, Miscellaneous, Non-sparking	03EQ-00-KTTL
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Non-sparking tool kit, to include bung and spanner wrenches.	
3.2.7	Multi-Meter, Electrical	03EQ-00-MMTR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Intrinsically safe electrical multi-meter.	
3.2.8	Overpack	03EQ-00-PCKO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Pack, overpack	
3.2.9	Gloves, Protective, Abrasion Resistant	03SE-00-GLVA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Puncture, cut, and abrasion-resistant gloves.	
3.2.10	Binoculars	03OP-00-BNOC
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Binoculars	
3.2.11	Spotting Scopes/Surveillance Telescopes	03OP-00-SCOP
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Optics capable of use in long range, sometimes long term, observation of critical tactical operations.	
3.2.12	Optics: Thermal Imaging and/or Light Amplification	03OP-00-TILA
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Thermal imaging and/or light amplification optics.	
3.2.13	Light Amplification	04MD-01-LAMP
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Light Amplification (night vision enhancement) equipment.	
3.2.14	Lighting, Portable Area Illumination	03SC-00-LTPA
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Portable area illumination.	
3.2.15	Timer	03SC-00-TIMR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Timer or stopwatch.	

Section: 3 CBRNE Operational and Search and Rescue Equipment

AEL Ref No	Title / Description	Fall 2004 SEL Ref Number
-------------------	----------------------------	-------------------------------------

*SHSP/LETPP MMRS EMPG
UASI*

3.2.16 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Protection, Hearing Hearing protection for operations in potentially high noise environments.	03SE-00-HEAR
3.2.17 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Hydration System, Personal Personal hydration system.	03SE-00-HYDR
3.2.18 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Monitor, Heat Stress Heat stress monitor (ambient and personal).	03SC-00-HSMN
3.2.19 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Bags, Evidence and/or canisters Bags, Evidence and/or canisters.	03EQ-00-BGEV
3.2.20 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Bags, Equipment Bags, Equipment.	03EQ-00-BGEQ
3.2.21 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Reel, Electric Cord Electric cord reel.	03EQ-00-REEL
3.2.22 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Signs Restricted access and caution warning signs.	03SC-00-SIGN
3.2.23 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Tape, Boundary Marking Tape, Boundary Marking: YELLOW Caution/RED Danger/ Incident specific (i.e., radiological, biological, chemical).	03SC-00-TPBM
3.2.24 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	System, Marking, Green Line/Red Line Marking system, Green Line/Red Line, battery activated or appropriate substitute.	03SC-01-GLRL
3.2.25 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	System, Lock Out/Tag Out Lock Out/Tag Out system.	03SC-01-LOTO
3.2.26 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Station, Portable Meteorological Portable meteorological station that monitors (at a minimum) temperature, wind speed, wind direction, precipitation, and barometric pressure.	04SN-01-PTMS
3.2.27 <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Cart, Field Field cart for transporting tools, equipment, or personnel.	03VE-01-CART

Section: 3 CBRNE Operational and Search and Rescue Equipment

AEL Ref No	Title / Description	Fall 2004 SEL Ref Number
-------------------	----------------------------	-------------------------------------

*SHSP/ LETPP MMRS EMPG
UASI*

3.2.28	Kit, First Aid, Trauma Type	03SC-00-KTFA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Trauma type first aid kit.	

3.2.29	Fan, Explosive-proof Exhaust	03EQ-00-FANE
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Explosive-proof exhaust fan.	

Section: 4 *Information Technology*

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

4.1	Device, Global Positioning System (GPS)	04MA-03-DGPS
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Device, Global Positioning System (GPS)	
4.2	System, Automatic Vehicle Locating (AVL)	04MA-03-AVLS
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Automatic Vehicle Locating (AVL) Systems	
4.3	System, Precision Locating Tracking (PLT)	04MA-03-PLTI
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Systems, Precision Locating Tracking (PLT), indoor capable.	
4.4	System, Operations Area Personnel Tracking and Accountability	03SE-00-OAPT
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Operations area personnel tracking and accountability systems.	
4.5	System, Geospatial Information (GIS)	04MA-01-GISS
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<p>Geospatial/Geographical Information Systems (GIS), including application software as well as integrated hardware for implementation (see Item 4.14 for integrated hardware). GIS systems support the acquisition, integration and dissemination of geospatial data and imagery. Geospatial software should support vector, raster, CAD, and/or spatial file formats. GIS systems provide or support multiple CBRNE terrorism prevention and response functions, including (but not limited to):</p> <ul style="list-style-type: none">- Geospatial Analysis - allows for association of intelligence and location-based information to perform complex analysis and visualization- Decision Support - provides a mechanism to deliver actionable intelligence supporting strategic and tactical operations- Situational Awareness - supports a common operational picture with near real-time intelligence fused with geospatial information fully describing the area of operations in a spatial context- Navigation- Monitoring (tracking, weather, traffic, assets, environment, damage assessments, disease surveillance)- Modeling - combines complex spatial information and applies modeling tools to predict consequences of events in support of planning, mitigation, response and recovery.- Mapping - presents fused information in a standard, distributable and easily recognizable format.- Reporting (activity, after action, alert-warning, location, situation, coverage portrayal)	
4.6	Data, Geospatial	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Includes the purchase of data related to positions on the earth's surface in the form of databases, maps, satellite and other remote sensing imagery. For use with Geospatial Information Systems (Item 4.5).	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 28 of 84

Section: 4 Information Technology

AEL Ref No <i>SHSP/LETPP MMRS EMPG UASI</i>	Title / Description	Fall 2004 SEL Ref Number
4.7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Software, Operational Space Visualization Operational Space Visualization Tools	04MA-01-SVIS
4.8 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Software, Plume Modeling Plume Modeling Software (fate and transport)/databases capable of real time linkage to sensors and meteorological monitoring and detection.	04MA-01-PMOD
4.9 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Software, ICS Incident Command System (ICS) software including command/plans & decision-support tools.	04SW-03-CDSS
4.10 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Software, CBRNE/commercial chemical/hazard CBRNE/commercial chemical/hazard software and response system	04SW-04-CBRN
4.11 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Application Program, Credentialing Software application and associated hardware for creating site/event credential badges.	04SW-02-CRED
4.12 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Software for Equipment Tracking and Inventory	
4.13 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Equipment, Bar Code Reading and Printing Bar code readers and printers, including devices that have wireless network capabilities.	04HW-02-BARC
4.14 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Hardware, Computer, Integrated Computer hardware and operating system software designated for use in an integrated system allowable under this grant program. Such systems include detection, communication, cybersecurity, logistical support and Geospatial Information Systems. This item may include networking hardware, servers, workstations, notebook computers, and peripherals such as printers and plotters procured with an allowable system and necessary for its implementation. (ONLY HARDWARE PROCURED AS PART OF A SYSTEM ALLOWABLE UNDER THIS GRANT PROGRAM IS ALLOWABLE UNDER THIS ITEM.)	
4.15 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Handheld computers for Emergency Response applications Handheld computing devices with connectivity. Includes a variety of platforms such as PDAs and Windows compatible devices.	04HW-01-HHCD
4.16 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	Devices, Radio Frequency Identification RF Identification Devices (RFID) and associated readers.	04HW-02-RFID

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 29 of 84

Section: 5 CyberSecurity Enhancement Equipment

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

5.1	Software, Virus Protection	05CS-03-AVIR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Virus protection software	
5.2	System, Intrusion Detection	05CS-02-IDS
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Intrusion detection devices and systems, deployed at either host or network level to detect unauthorized or aberrant behaviors on the network.	
5.3	Scanning and Penetration Tools	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Tools for scanning and vulnerability detection	
5.4	Firewalls and Authentication Technologies	04SW-02-PFWL
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Includes both firewalls for workstations and network-level firewalls. The latter may include both firewall software and a hardware platform, or may be sold as a firewall appliance.	
5.5	Software, Encryption	05CS-01-ECRP
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Encryption software for protecting stored data files or email messages.	
5.6	Encryption, Data Transmission	05CS-01-ETRN
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	A class of network access solutions, usually for remote access, that provide encrypted user access. Some will utilize hardware "tokens" in addition to software clients. This includes Virtual Private Networks, and encrypted transmission modes such as SSH and SSL.	
5.7	Software, Network management	04SW-02-NMGT
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Network management software for monitoring network performance and/or maintaining configuration.	
5.8	Configuration/Patch Management	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Configuration management and patch management/dissemination tools.	
5.9	Countermeasures	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Security hardware and software countermeasures to protect against cyber attacks.	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 30 of 84

Section: 6 *Interoperable Communications Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

6.0

NOTES TO APPLICANTS



(1) This section includes equipment and systems that provide connectivity and electrical interoperability between local and interagency organizations to coordinate CBRNE response operations. When utilizing ODP program funds in the category of Interoperable Communications Equipment to build, upgrade, enhance, or replace communications systems, grantees and sub-grantees should develop a comprehensive interoperable communications plan before procurement decisions are made. Guidance for development of interoperable communications plans is provided in Appendix F.

(2) In an effort to improve emergency preparedness and response interoperability, all new or upgraded radio systems and new radio equipment should be compatible with a suite of standards called ANSI/TIA/EIAA-102 Phase I (Project 25). These standards have been developed to allow for backward compatibility with existing digital and analog systems and provide for interoperability in future systems. The FCC has chosen the Project 25 suite of standards for voice and low-moderate speed data interoperability in the new nationwide 700 MHz frequency band. The Integrated Wireless Network (IWN) of the U.S. Justice and Treasury Departments has also chosen the Project 25 suite of standards for their new radio equipment. In an effort to realize improved interoperability, all radios purchased under this grant should be APCO 25 compliant.

6.1

In-Suit Communications



Land Mobile, Two-Way In-Suit Communications (secure, hands-free, fully duplex, optional), including air-to-ground capability (as required).

Note:

(1) This section includes equipment and systems that provide connectivity and electrical interoperability bet

6.2

Radio, Portable

06CP-01-PORT



Individual/portable radios, including software radios.

Note:

(1) This section includes equipment and systems that provide connectivity and electrical interoperability bet

6.3

Radio, Mobile

06CP-01-MOBL



Mobile radio equipment, deployed on vehicles

Note:

(1) This section includes equipment and systems that provide connectivity and electrical interoperability bet

6.4

Radio, Base

06CP-01-BASE



Base radio system

Note:

(1) This section includes equipment and systems that provide connectivity and electrical interoperability bet

6.5

Radio, High Frequency (HF) Single Sideband

06CP-03-HFRQ



High Frequency (HF) Single Sideband communications equipment

Note:

(1) This section includes equipment and systems that provide connectivity and electrical interoperability bet

6.6

Repeaters

06CP-01-REPT



Repeaters

Note:

(1) This section includes equipment and systems that provide connectivity and electrical interoperability bet

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 31 of 84

Section: 6 Interoperable Communications Equipment

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/LETPP MMRS EMPG UASI</i>		
6.7	Transmission Device, Wireless, Remote Sensor	06CP-01-SNSR
✓ ✓ ✓ ✓	A device which, when attached to a remote sensor such as a video camera or chemical detector, allows wireless transmission of data to a distant base. May use radio frequency (RF), or infrared (IR) transmission.	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.8	Cable, Non-radiation Shielded Transmission	06CP-01-NRSC
✓ ✓ ✓ ✓	Non-radiation shielded transmission cable between base/repeater and antenna	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.9	Amplifiers, Bi-directional	06CP-03-BAMP
✓ ✓ ✓ ✓	Bi-directional Amplifiers, application defined	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.10	Bridging/Patching	06CP-02-BRDG
✓ ✓ ✓ ✓	Bridging or patching equipment	
<i>Note:</i>	(1) This section includes equipment and systems that provide connectivity and electrical interoperability bet	
6.11	Exchange, Private Branch	06CP-05-LPBX
✓ ✓ ✓ ✓	Portable Private Branch Exchange (PBX)	
<i>Note:</i>	(1) This section includes equipment and systems that provide connectivity and electrical interoperability bet	
6.12	Phone, Cellular	06CC-01-CELL
✓ ✓ ✓ ✓	Digital cellular phone	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.13	Device, Messaging, 2-Way Text	
✓ ✓ ✓ ✓	Text messaging device with 2-way capability	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.14	Paging	
✓ ✓ ✓ ✓	Paging services, 1-way text messaging	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.15	Phone, Satellite Base	
✓ ✓ ✓ ✓		
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.16	Radio, Microwave Link	06CP-03-MWAV
✓ ✓ ✓ ✓	Microwave Link for remote control of radio base stations or for temporary links at event sites.	
<i>Note:</i>	(1) This section includes equipment and systems that provide connectivity and electrical interoperability bet	
6.17	Phone, Satellite Mobile	
✓ ✓ ✓ ✓		
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.18	Phone, Satellite Portable	
✓ ✓ ✓ ✓	Satellite service with handheld device	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	

Section: 6 *Interoperable Communications Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

6.19	Services, Satellite, Brokered	06CC-04-SSBR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Full service rental/lease of satellite transponder time, including truck and technicians. (NOTE: GRANT FUNDS MAY BE USED TO COVER ONLY THOSE SERVICES PROVIDED DURING THE GRANT PROJECT PERIOD. GRANTEES ARE REMINDED THAT SUPPLANTING OF PREVIOUSLY PLANNED OR BUDGETED ACTIVITIES IS STRICTLY PROHIBITED.)	
	<i>Note:</i> This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.20	Services, Satellite Data	06CC-04-SADS
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Satellite Data Services (internet access via a satellite connection) Commercial providers of Internet connectivity via satellite. (NOTE: GRANT FUNDS MAY BE USED TO COVER ONLY THOSE SERVICES PROVIDED DURING THE GRANT PROJECT PERIOD. GRANTEES ARE REMINDED THAT SUPPLANTING OF PREVIOUSLY PLANNED OR BUDGETED ACTIVITIES IS STRICTLY PROHIBITED.)	
	<i>Note:</i> This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.21	INMARSAT - B	06CC-04-INST
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	INMARSAT - B Satellite communications equipment	
	<i>Note:</i> This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.22	Hourly Brokered Space Segment	06CC-04-SSHB
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Satellite transponder time purchased by the hour. (NOTE: GRANT FUNDS MAY BE USED TO COVER ONLY THOSE SERVICES PROVIDED DURING THE GRANT PROJECT PERIOD. GRANTEES ARE REMINDED THAT SUPPLANTING OF PREVIOUSLY PLANNED OR BUDGETED ACTIVITIES IS STRICTLY PROHIBITED.)	
	<i>Note:</i> This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.23	Full Time Space Segment, Leased	06CC-04-SSFT
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Satellite transponder time purchased on long term contracts. (NOTE: GRANT FUNDS MAY BE USED TO COVER ONLY THOSE SERVICES PROVIDED DURING THE GRANT PROJECT PERIOD. GRANTEES ARE REMINDED THAT SUPPLANTING OF PREVIOUSLY PLANNED OR BUDGETED ACTIVITIES IS STRICTLY PROHIBITED.)	
	<i>Note:</i> This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.24	Equipment, Satellite Data	06CC-04-EQSD
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Satellite earth station transmitter and receiver, usually KU-Band.	
	<i>Note:</i> This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.25	Network, Wide Area Digital	06CP-04-WADN
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Wide area digital network, voice/data capable	
	<i>Note:</i> This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.26	Device, Data Service Access	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	PCMCIA card, serial device, or USB device for access to on-line data services	
	<i>Note:</i> This section includes equipment and systems that provide connectivity and electrical interoperability between	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 33 of 84

Section: 6 Interoperable Communications Equipment

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
6.27	Teleconferencing, Video	06CP-05-VCON
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Video teleconferencing over ISDN telephone lines or broadband facilities	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.28	Bridge, Audio Teleconferencing	06CP-05-BRAC
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Device to connect more than 2 parties (up to many dozens) into a single audio conference	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.29	Bridge, Video Teleconferencing	06CP-05-VCNB
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Device to connect more than 4 parties (up to many dozens) into a single video conference	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.30	Computer-Aided Dispatch	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Computer aided dispatch systems and enhancement of 911 systems, and mobile computer data systems to include pagers, palm pilots, and cell phones.	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.31	Mobile Display Terminals	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Portable terminals for remote entry and display of data in conjunction with specialized systems such as the Automated Fingerprint Identification System (AFIS).	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.32	Antenna and Tower Systems	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Includes purchase, leasing, and rental of towers. If grant funds are used for construction of new towers, the tower height cannot exceed 200 feet.	
	(NOTE: GRANT FUNDS MAY BE USED TO COVER ONLY THOSE SERVICES PROVIDED DURING THE GRANT PROJECT PERIOD. GRANTEEES ARE REMINDED THAT SUPPLANTING OF PREVIOUSLY PLANNED OR BUDGETED ACTIVITIES IS STRICTLY PROHIBITED.)	
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.33	Communications Priority Services	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Services to ensure priority communication over common carrier media, such as cellular phones or telephone land lines. Includes Government Emergency Telecommunications Service (GETS); NCS Telecommunications Service Priority (TSP) Program; and NCS Wireless Priority Services (WPS).	
	(NOTE: GRANT FUNDS MAY BE USED TO COVER ONLY THOSE SERVICES PROVIDED DURING THE GRANT PROJECT PERIOD. GRANTEEES ARE REMINDED THAT SUPPLANTING OF PREVIOUSLY PLANNED OR BUDGETED ACTIVITIES IS STRICTLY PROHIBITED.)	
<i>Note:</i>	(1) This section includes equipment and systems that provide connectivity and electrical interoperability between	
6.34	Aviation and Maritime Security Voice and Data Transmission Equipment	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		
<i>Note:</i>	This section includes equipment and systems that provide connectivity and electrical interoperability between	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 34 of 84

Section: 6 *Interoperable Communications Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

6.35

Safe, GSA-Rated

☒ ☒ ☒ ☒

Safe for storing sensitive material such as encryption keys.

(ONLY PRODUCTS APPROPRIATELY RATED BY THE GENERAL SERVICES ADMINISTRATION ARE ALLOWABLE.)

6.36

Shredder / Disintegrator

☒ ☒ ☒ ☒

Shredding or disintegrating device for the destruction of sensitive materials such as reports or encryption key material. Products evaluated by the National Security Agency can be found in (a) NSA/CSS Evaluated Products List (EPL) for High-Security Disintegrators, Annex A to NSA/CSS 02-02, dated 31 July 2004; or (b) NSA/CSS Evaluated Products List (EPL) for High Security Crosscut Paper Shredders, Annex A to NSA/CSS 02-01, dated 31 July 2004.

(ONLY PRODUCTS CONTAINED IN ONE OF THE TWO LISTS ABOVE ARE ALLOWABLE.)

6.37

System, Automated Dialing and Notification

04MA-02-ALRT

☒ ☐ ☐ ☒

Systems used to automate notification of and information sharing with emergency responders in the event of an incident. This category includes computer and phone systems necessary to manage and operate dial-down, callback, automated messaging or paging systems.

(NOTE: Fees related to telecommunications services to support the system are the responsibility of the jurisdiction and are not allowable under this item. This item is response oriented. See also Item 13.4, which includes similar technology for use in incident prevention.)

6.38

Systems, Public Notification and Warning

☒ ☐ ☐ ☒

Systems used to alert the public of protective actions or to provide warning to the public in the event of an incident, such as sirens, reverse 911, and EAS. Systems used to alert the public of protective actions or to provide warning to the public, such as sirens, reverse 911, and EAS.

(NOTE: Fees related to telecommunications services to support the system are the responsibility of the jurisdiction and are not allowable under this item.)

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 35 of 84

Section: 7 *Detection Equipment*

AEL Ref No
SHSP/LETPP MMRS EMPG
UASI

Title / Description

Fall 2004
SEL Ref Number

(7.1) Biological

(7.1.1) *Biological Detection*

7.1.1.0 Biological Detection

☒ ☐ ☒ ☐ Equipment for detection of biological hazards, including point detection (immunoassay and other technologies), protein tests and DNA/RNA detection.

7.1.1.1 Kit, Field Assay

07BD-01-KFAS

☒ ☐ ☒ ☐ Field assay kit. [D,I]

7.1.1.2 Kit, Protein Test

07BD-01-PTST

☒ ☐ ☒ ☐ Protein test kit. [D]

7.1.1.3 Analysis, DNA/RNA Detection

07BD-02-DNRN

☒ ☐ ☒ ☐ DNA/RNA detection analysis (example: PCR). [D,I,Q]

(7.1.2) *Biological Sampling*

7.1.2.0 Biological Sampling

☒ ☐ ☒ ☐ Equipment for sampling biological hazards, including portable and automated perimeter sampling systems.

7.1.2.1 Kit, Biological Sampling/evidence - Batch

07BS-01-KBBA

☒ ☐ ☒ ☐ Biological Sampling and Evidence Kit. Collects samples for later analysis.

7.1.2.2 Sampler, Biological, Portable Air

07BS-01-KBPA

☒ ☐ ☒ ☐ Portable air sampler for biological sampling/evidence.

7.1.2.3 Kit, Biological Sampling/evidence - Automated perimeter sampling systems

07BS-03-KBAP

☒ ☐ ☒ ☐ Biological sampling/evidence kit - automated perimeter sampling systems.

(7.2) Chemical

(7.2.1) *Chemical Detection*

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 36 of 84

Section: 7 *Detection Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

7.2.1.0	Chemical Detection	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment for detection of chemical hazards, including detection papers and kits, PID and FID technology, SAW Detectors, Gas Chromatography, Mass Spectrometry, and other technologies. Includes both point and standoff detection.	
7.2.1.1	Detector, Flame Ionization (FID), Point, Chemical Agent	07CD-01-DPFI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Flame Ionization Detector (FID), for point chemical agent detection. [D]	
7.2.1.2	Detector, Flame Photometry, Point, Chemical Agent	07CD-01-DPFP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Flame photometry detector for point chemical agent detection. [D,I,Q]	
7.2.1.3	Detector, Photo-Ionization (PID), Point, Chemical Agent	07CD-01-DPPI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Photo-Ionization Detector (PID) for point chemical agent detection. [D]	
7.2.1.4	Detector, Spectrometry, Ion Mobility, Point, Chemical Agent	07CD-01-DPSI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Ion mobility spectrometry detector for point chemical agent detection. [D]	
7.2.1.5	Detector, Surface Acoustic Wave, Point, Chemical Agent	07CD-01-DPSW
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Surface acoustic wave detector for point chemical agent detection. [D,I,Q]	
7.2.1.6	Paper, Indicating (M-8, M-9, PH)	07CD-01-INPA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Indicating paper. [D,I]	
7.2.1.7	Kit, Colorimetric Tube/Chip	07CD-01-KCTC
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Colorimetric tube/chip kit specific for TICs and WMD applications. [D,I,Q]	
7.2.1.8	Kit, PCB Test	07CD-01-KPCB
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	PCB test kit. [D, I, Q]	
7.2.1.9	Kit, Mercury Test / Mercury Vapor Test	07CD-01-KTHG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Mercury and mercury vapor test kit. [D]	
7.2.1.10	Kit, Chemical Agent Water Test	07CD-01-KWTR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Chemical agent water test kit. [D]	
7.2.1.11	Kit, Waste Water Classifier	07CD-01-CLAS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Waste water classifier kit. [D]	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 37 of 84

Section: 7 *Detection Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

7.2.1.12	Kit, M-256(A1)	07CD-01-M256
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	M-256(A1) Detection Kit for chemical agent (military grade: blister: CX/HD/L, blood: AC/CK and nerve: GB/VX) detection. [D, I]	
7.2.1.13	Detector, Gas Chromatograph/Mass Spectrometer, Point, Chemical Agent	07CD-02-DPGC
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Gas chromatograph/mass spectrometer detector for point chemical agent detection. (GC/MS). [D,I,Q]	
7.2.1.14	Detector, Infrared, Point, Chemical Agent	07CD-02-DPIR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Infrared (IR) detector for point chemical agent detection. [D,I,Q]	
7.2.1.15	Kit, Chemical Classifying	07CD-02-KLSV
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Chemical classifying kit for unknown liquids, solids and vapors. [D,I]	
7.2.1.16	Detector, Multi-gas Meter, Point, Chemical Agent	07CD-03-DPMG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Multi-gas meter with minimum of O2 and LEL for point chemical agent detection. [D,I,Q]	
7.2.1.17	Detector, Stand-Off, Chemical	07CD-04-DCSO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Stand-off chemical detector. [D, I]	

(7.2.2) Chemical Sampling

7.2.2.0	Chemical Sampling	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment for sampling of chemical hazards, including sampling kits and leak detectors.	
7.2.2.1	Kit, Air/Vapor Chemical Sampling	07CS-01-KAVC
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Air/vapor chemical sampling/evidence kit.	
7.2.2.2	Kit, Liquid Chemical Sampling	07CS-01-KLCS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Liquid chemical sampling/evidence kit.	
7.2.2.3	Kit, Solid Chemical Sampling	07CS-01-KSCS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Solid chemical sampling/evidence kit.	
7.2.2.4	Kit, Chemical Sampling/Evidence, Containment Vessels	07CS-01-KVES
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Chemical sampling/evidence kit, containment vessels.	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 38 of 84

Section: 7 *Detection Equipment*

AEL Ref No
SHSP/LETPP MMRS EMPG
UASI

Title / Description

Fall 2004
SEL Ref Number

7.2.2.5	Detectors, Leak	07CS-01-LEAK
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Leak detectors (e.g., soap solution, ammonium hydroxide, ultrasonic, etc.)	

(7.3) Radiological/Nuclear

(7.3.1) Radiological Detection

7.3.1.0	Radiological Detection	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment for detection of radiological/nuclear hazards, including radiation detectors, dosimeters, and monitors. (SEE ODP BULLETIN 133 FOR SPECIAL GUIDANCE ON THESE ITEMS).	
7.3.1.1	Detector, High-Purity Germanium	07RD-01-DHPG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	High-purity germanium detector. [D,I,Q]	
7.3.1.2	Dosimeters, Electronic	07RD-01-DOSE
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Electronic dosimeters. (ED) [D,Q] (SEE ODP BULLETIN 133 FOR SPECIAL GUIDANCE ON THESE ITEMS).	
7.3.1.3	Dosimeters, Personal	07RD-01-DOSP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Personal dosimeters. (film or TLD) [D,Q] (SEE ODP BULLETIN 133 FOR SPECIAL GUIDANCE ON THESE ITEMS).	
7.3.1.4	Dosimeters, Self-Reading	07RD-01-DOSS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Self-Reading Dosimeters (SRD) or Pocket Ionization Chambers (PIC). [D,Q] (SEE ODP BULLETIN 133 FOR SPECIAL GUIDANCE ON THESE ITEMS).	
7.3.1.5	Meters, Contamination, Handheld	07RD-01-HHCM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Handheld contamination meters alpha/beta, beta/gamma). [D,I,Q]	
7.3.1.6	"Detector", Personal Radiation (Gamma & Neutron)	07RD-01-PDGA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Personal radiation "detector" gamma & neutron). [D] (SEE ODP BULLETIN 133 FOR SPECIAL GUIDANCE ON THESE ITEMS).	
7.3.1.7	Spectrometer, Handheld (NaI or CZT) with Nuclide Identification	07RD-02-HHSP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Handheld spectrometer, (NaI or CZT) with nuclide identification. [I,Q]	

(7.3.2) Radiological Sampling

Section: 7 *Detection Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

7.3.2.0

Radiological Sampling

☒ ☐ ☒ ☐ Equipment for detection of radiological/nuclear hazards, including calibrators, and air sampling equipment.

7.3.2.1

Equipment, Air Sampling

07RS-01-AFCB

☒ ☐ ☒ ☐ Air flow calibrators for samplers.
Personal air sampler.
Area air sampler (high volume).

(7.4) Explosive Detection

7.4.1

Handheld Air-Sampler, Explosive Detecting

07ED-01-SNIF

☒ ☐ ☒ ☐ Handheld air-sampling explosive detectors

7.4.2

Swipe Test, Explosive Detecting

07ED-02-SWPE

☒ ☐ ☒ ☐ A cloth item used to wipe the surface and place in a machine that analyzes vapor for identifying the explosive.

7.4.3

Portal, Explosive Detecting

07ED-03-PORT

☒ ☐ ☒ ☐ Portal, Explosive Detecting

7.4.4

X-Ray, Explosive Detecting

07ED-04-XRAY

☒ ☐ ☒ ☐ Explosive detecting X-Ray device

(7.5) Other Detection / Sensor Equipment

7.5.1

Equipment, Environmental (Weather) Surveillance

07SE-03-ENVS

☒ ☐ ☒ ☒ Equipment, Environmental (Weather) Surveillance to Support CBRNE Detectors

7.5.2

Sensor, Heat, Infrared

07SE-01-IHTS

☒ ☐ ☒ ☐ Sensor, Heat, Infrared

7.5.3

Thermometer, Surface

☒ ☐ ☒ ☐ Thermometer, Surface

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 40 of 84

Section: 7 Detection Equipment

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

7.5.4

Protective Cases for Sensitive Detection Equipment - Storage and Transport

☒ ☐ ☒ ☐

7.5.5

Equipment, Specialized Hazard Detection, non-CBRNE

☐ ☐ ☐ ☒

This category includes specialized equipment not included elsewhere in Section 7 that is intended for all-hazards detection missions, and that is limited to (or focuses primarily on) non-CBRNE related events (e.g., seismographs).

Section: 8 *Decontamination Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

(8.1) **Pre-Decontamination**

8.1.0

Pre-Decontamination

- ☒ ☐ ☒ ☐ Equipment for use prior to active decontamination, such as extraction litters and personal decontamination kits.

8.1.1

Kits or Packets, Personal Decontamination

08D1-01-KITD

- ☒ ☐ ☒ ☐ Kits or packets used for emergency personal decontamination.

8.1.2

Lotion, Reactive Skin Decontamination

08D1-02-RSDL

- ☒ ☐ ☒ ☐ Alternate solution to neutralize chemical warfare agents.

8.1.3

Litters, Extraction

08D1-03-LITR

- ☒ ☐ ☒ ☐ Rollable extraction litters

8.1.4

Support, Decontamination Corridor

08D1-04-TDCS

- ☒ ☐ ☒ ☐ Signs, signals, traffic cones, lights, hazmat tape, directional signage, strobes, glow sticks, loudspeakers, etc.

(8.2) **Active Decontamination**

8.2.0

Active Decontamination

- ☒ ☐ ☒ ☐ Equipment for use in active decontamination, including decontamination systems, lighting, decon litters, spill containment devices, and other associated equipment.

8.2.1

Systems, Mass Casualty Decontamination

08D2-01-MCDS

- ☒ ☐ ☒ ☐ Mobile systems capable of delivering water or solutions in varying temperatures and at sufficient flow rates for the purpose of washing numerous contaminated victims. Suitable systems may be tents, trailers, or vehicle mounted. (NOTE: No fixed construction is allowable; systems must be mobile or portable.)

8.2.2

Equipment, Emergency Decontamination Application

08D2-02-EDCS

- ☒ ☐ ☒ ☐ Equipment or system with the capability to immediately reduce contamination of individuals with potentially life threatening exposure with or without the formal establishment of a decontamination corridor.

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 42 of 84

Section: 8 *Decontamination Equipment*

AEL Ref No

Title / Description

Fall 2004

*SHSP/LETPP MMRS EMPG
UASI*

SEL Ref Number

8.2.3	Lighting, Decontamination Area	08D2-03-LITE
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Decontamination area lighting	
8.2.4	System, Personal Property Tracking	08D2-04-PPTS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Personal property tracking system to identify personal effects of decontaminated victims.	
8.2.5	Equipment, Technical Decontamination - Dry	08D2-05-TDED
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment used to decontaminate or remove dry materials.	
8.2.6	Equipment, Technical Decontamination - Wet	08D2-06-TDEW
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment used in the physical or chemical process of deliberate decontamination for responders and their equipment using liquids/solutions.	
8.2.7	Shower, Portable Decontamination	08D2-07-SHWR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Framework designed to deliver water/decontamination solution at low pressure, low volume.	
8.2.8	Heaters, Water, Transportable	08D2-08-HTRW
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Used to heat water for decontamination applications in the field.	
8.2.9	Heater, Portable Air Blower	08D2-09-HTRB
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Provides climate control for victims during necessary decontamination operations during inclement conditions.	
8.2.10	Device, Liquid Decontamination Containment	08D2-10-LDCD
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Containment devices intended for use in the decontamination corridor for decontamination of equipment, people, and vehicles.	
8.2.11	Drum, Waste Water Containment	08D2-11-WWCD
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Drums or bladder, for waste water containment and decontamination shower waste collection. To be used in conjunction with 08D2-10-LDCD.	

(8.3) **Post-Decontamination**

8.3.0	Post-Decontamination
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Equipment for use following active decontamination, including blankets, disposable modesty clothing, and cadaver bags.

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 43 of 84

Section: 8 Decontamination Equipment

AEL Ref No	Title / Description	Fall 2004 SEL Ref Number
-------------------	----------------------------	-------------------------------------

*SHSP/ LETPP MMRS EMPG
UASI*

8.3.1	Blankets, Disposable	08D3-01-BLKT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Disposable blankets	
8.3.2	Clothing, Disposable Modesty	08D3-02-CLOM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Disposable modesty clothing, with footwear; adult and child sizes.	
8.3.3	Bags, Cadaver, Non-transparent	08D3-03-BCNT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Non-transparent cadaver bags	

Section: 9 *Medical Supplies and Limited Types of Pharmaceuticals*

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

9.0

NOTE TO APPLICANTS

☒ ☐ ☒ ☐

Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only to supplement normal stores, in order to provide the surge capacity necessary for CBRNE terrorism response. They are NOT intended for routine use.

(9.1) **Medical Equipment**

9.1.0

Medical Equipment

☒ ☐ ☒ ☐

Medical equipment (durable, multiple-use) required for response to a CBRNE terrorism incident at the advanced life support level.

Note:

Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t

9.1.1

Equipment, Airway Management

09ME-00-AWMG

☒ ☐ ☒ ☐

Durable airway management equipment, basic and advanced. Enables basic and advanced access to, and protection of, patient respiratory system.

Note:

Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t

9.1.2

Bag/Kit/Pack, Medical

09ME-00-BAGM

☒ ☐ ☒ ☐

Portable vessel that contains various medical supplies and equipment.

Note:

Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t

9.1.3

Equipment, Blood Pressure

09ME-00-BPSL

☒ ☐ ☒ ☐

Manual and automated blood pressure equipment/products.

Note:

Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t

9.1.4

Equipment, Training/Casualty Simulation

09ME-00-CSIM

☒ ☐ ☒ ☐

Life-like human body replicas that enable medical practitioners to train in various scenarios.

Note:

Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t

9.1.5

Defibrillator, Automated External

09ME-00-DEAE

☒ ☐ ☒ ☐

Simple device that enables rapid application, automated assessment, and (when necessary) delivery of corrective electrical impulse for lethal cardiac dysrhythmias. Use of device by practitioners with minimum or no training.

Note:

Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t

9.1.6

Defibrillator/Cardiac Monitors/Pacing

09ME-00-DEMP

☒ ☐ ☒ ☐

Advanced cardiac monitoring/ defibrillation/ pacing devices for use by practitioners with advanced medical training.

Note:

Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 45 of 84

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

AEL Ref No	Title / Description	Fall 2004 SEL Ref Number
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
9.1.7	Meters, Glucose	09ME-00-GLUM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Simple device that rapidly analyzes blood glucose levels from capillary blood sample.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.8	MCI Organizational Equipment/Kits	09ME-00-MCIK
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Fully equipped kits that contain all equipment and materials to coordinate multicassualty incidents, including (but not limited to) triage tags/supplies, clip boards and related forms, color coded marking tape and tarps for treatment areas, medical branch position vests; field operation guide (FOG) for medical branch/MCI operations and local protocols.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.9	Otoscope/Ophthalmoscope	09ME-00-OTOP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Otoscope/Ophthalmoscope	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.10	Equipment, Oxygen	09ME-00-OXYE
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Durable oxygen equipment (e.g., cylinders, regulators, manifolds, etc.) to facilitate the storage and delivery of medical oxygen.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.11	Oximeter, Pulse	09ME-00-POXI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Non-invasive device that monitors oxygen saturation levels in blood.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.12	Refrigerator	09ME-00-RFGR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Device for maintaining temperature control (cooling) for pharmaceutical and other medical equipment.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.13	Shelter, Medical	09ME-00-SHEL
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Easy to assemble structure to provide temporary shelter for patients and medical practitioners. Constructed of lightweight frame and/or inflatable.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.14	Equipment, Spinal Immobilization	09ME-00-SPIN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Adjuncts that enable spinal immobilization of patients from all types of positions and environments.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.15	Splints, durable	09ME-00-SPLT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Splints that enable all types of limb immobilization. All types and sizes.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.16	Stethoscope	09ME-00-STET
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Durable stethoscope to assist in patient care through audible assessments (auscultation). Durable and disposal models available.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.17	Equipment, Suction Units	09ME-00-SUCT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Negative pressure devices that enable suctioning of patient airway. Airway maintenance device. Various models, both powered and manually operated.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 46 of 84

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

AEL Ref No

Title / Description

Fall 2004

SHSP/ LETPP MMRS EMPG
UASI

SEL Ref Number

9.1.18	Thermometer	09ME-00-THER
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Devices that enable assessment of patient temperature.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.19	Ventilators	09ME-00-VENT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Positive pressure ventilators that deliver regulated volumes of oxygen to patients requiring invasive respiratory support. Adult and pediatric applications.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.20	Cots	09ME-01-COTS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Portable, lightweight structures that are easily assembled to accommodate patients in supine position. Typically used in shelter operations.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.21	Gurneys	09ME-01-GURN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Portable patient movement devices. Adjustable positions both vertical and horizontal. Durable medical equipment.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.1.22	Litters/Stretchers	09ME-01-LITR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Variable-position patient transport devices.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

(9.2) Medical Supplies

9.2.0	Medical Supplies	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Medical supplies (single-use, disposable) required for response to a CBRNE terrorism incident at the advanced life support level. Note that grantees are responsible for replenishing items after shelf-life expiration dates.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.1	Pads, Alcohol Prep	09MS-00-ALPP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Single-use alcohol prep pad to cleanse patient skin surface.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.2	Supplies, Airway Management	09MS-00-AWMG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Airway management supplies, basic & advanced. Enables basic and advanced access to, and protection of, patient respiratory system. Non-durable supplies	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.3	Bag, Body, Heavy-Duty	09MS-00-BAGB
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Single-use body bag to contain deceased patients. See also 06D3-03-BCNT.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.4	Bag, Biohazard	09MS-00-BAGH
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Variable size, disposable bags to contain materials soiled with infectious fluids/products.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 47 of 84

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

AEL Ref No

Title / Description

Fall 2004

SHSP/ LETPP MMRS EMPG
UASI

SEL Ref Number

9.2.5	Bandages and Dressings	09MS-00-BAND
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Variable size, disposable bandages and dressing to treat all types of soft tissue wounds. Non-durable absorbent products.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.6	Supplies, Biohazard Disposal	09MS-00-BIOD
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various non-durable vessels to contain and manage materials soiled with biohazards.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.7	Block, Bite	09MS-00-BITE
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Disposable device designed for insertion between patient's teeth. Respiratory maintenance device.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.8	Supplies, Disinfectant	09MS-00-DSIN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Commercial disinfectant products to clean skin and other surfaces.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.9	Gloves, Biomedical, Non-Sterile	09MS-00-GLVN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Variable size, single-use examination gloves. Disposable, non-latex. Non-sterile.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.10	Gloves, Biomedical, Sterile	09MS-00-GLVS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Variable size, sterile biomedical gloves.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.11	Bandages, Hemostatic	09MS-00-HSBN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Sterile bandages coated or impregnated with substances that enhance suppression of active bleeding.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.12	Supplies, Personal Hygiene	09MS-00-HYGP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various skin disinfectant and hygiene supplies.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.13	Supplies, Body Substance Isolation	09MS-00-ISOS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Body substance isolation supplies (masks, gowns, eye protection). Various isolation barriers to protect practitioners from exposure to infectious substances.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.14	Bag, Intravenous Pressure Infusion	09MS-00-IVBG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Pressure infusion device for use with intravenous solution bags to expedite fluid delivery.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.15	Supplies, Intravenous Admin	09MS-00-IVSA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various intravenous solutions and needle/catheter assemblies.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 48 of 84

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

AEL Ref No	Title / Description	Fall 2004 SEL Ref Number
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
9.2.16	Linens	09MS-00-LNEN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Disposable and non-disposable linen products.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.17	Supplies, Medication Administration	09MS-00-MEDS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various disposable and non-disposable supplies to facilitate the administration of medications.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.18	Tubes, Nasogastric	09MS-00-NATU
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Single-use, disposable gastric tube.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.19	Needles, Assorted	09MS-00-NEAG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various size/gauge needles to draw fluids and/or administer medications.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.20	Nebulizer, all types	09MS-00-NEBU
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Nebulizer assembly to facilitate the administration of mistified medications and solutions.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.21	Needles, Intraosseous Infusion	09MS-00-NEIO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various size/gauges to facilitate intravenous fluid access and fluid/medication administration.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.22	Supplies, Oxygen Administration	09MS-00-OXYA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Oxygen administration supplies, basic and advanced. Enables basic and advanced access to, and protection of, patient respiratory system. Non-durable supplies.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.23	Brush, Povodine	09MS-00-POBR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antiseptic brush saturated with Povodine to cleanse skin surface area.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.24	Solutions and Applicators, Povodine Iodine	09MS-00-POVO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various brushes and swabs saturated with Povodine to cleanse skin surface area.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.25	Electrodes/Probes, Monitoring	09MS-00-PROB
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Self-adhesive electrodes to facilitate electrical monitoring. Single-use, disposable.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.26	Supplies/Systems, Patient Restraint	09MS-00-REST
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Multi-use patient restraints and systems; easy to apply with minimal training (including limb and torso restraints).	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
9.2.27	Shears/Scissors, Medical	09MS-00-SHER
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Standard medical shears to enable cutting of various materials.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.28	Shield, Eye Irrigation Lens	09MS-00-SHEY
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Single-use, disposable eye lens with catheter to facilitate irrigation.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.29	Supplies, Spinal Immobilization	09MS-00-SPIN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various devices (e.g., cervical collars, head immobilizers) to immobilize/stabilize the neck and spinal region.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.30	Splints, Disposable	09MS-00-SPLT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Splints that enable all types of limb immobilization. All types and sizes.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.31	Supplies and Adjuncts, Suction	09MS-00-SUCT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Catheters, tubing, wands and miscellaneous connection devices for use with suction devices.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.32	Suture, Various Sizes	09MS-00-SUTR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various size absorbable and non-absorbable suture kits and supportive supplies to treat soft tissue injuries.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.33	Supplies and materials, Suture	09MS-00-SUTS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Single-use, disposable supplies to support suturing procedures.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.34	Syringe, Cartridge Injector	09MS-00-SYRC
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Plastic assembly that facilitates syringe use.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.35	Syringe	09MS-00-SYRG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various size syringes, with and without built-in needles. For use in drawing and administering medications and solutions. Also used in injection and aspiration of air from some airway devices.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.36	Tape, Adhesive	09MS-00-TAAS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various size adhesive medical tape.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.37	Depressor, Tongue	09MS-00-TNDP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Single-use, disposable device used for oral assessment.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.38	Tags and supplies, Triage	09MS-00-TTAG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 50 of 84

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

9.2.39	Ventilator, Disposable	09MS-00-VENT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Positive pressure ventilators that deliver regulated volumes of oxygen to patients requiring invasive respiratory support. Adult and pediatric applications.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.40	Kit, Debridement, and Supplies	09MS-01-KDEB
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Single-use, disposable kit to clean soft tissue injuries and surfaces.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.41	Kit, Obstetrical	09MS-01-KTOB
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Self-contained kit with supplies required to support obstetrical procedures.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.2.42	Kit, Thoracostomy and Supplies	09MS-01-THOR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Self contained kit to perform and support chest decompression.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

(9.3) Pharmaceuticals

9.3.0	Pharmaceuticals	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Various pharmaceuticals required for response to a CBRNE terrorism incident at the advanced life support level. Note that grantees are responsible for replenishing items after shelf-life expiration dates.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.1	Adamantines	09PH-00-ADAM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anti-viral; FDA approved to treat and prevent INFLUENZA A viruses. Includes amantadine and rimantadine. Described in Federal Pandemic Influenza Preparedness and Response Plan: http://www.hhs.gov/nvpo/pandemicplan Sample fact sheets available at: http://www.niaid.nih.gov/factsheets/fludrugs.htm http://hopkins-heic.org/infectious_diseases/influenza/facts.htm	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.2	Adenosine	09PH-00-ADEN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anti-dysrhythmic	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.3	Albuterol	09PH-00-ALBU
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Bronchodilator	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.4	Amiodarone	09PH-00-AMIO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anti-dysrhythmic	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 51 of 84

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
9.3.5	Amyl Nitrite	09PH-00-AMNI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Vasodilator	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.6	Antacids	09PH-00-ANTA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antacid	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.7	Acetylsalicylic Acid	09PH-00-ASA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anticoagulant; analgesic, anti-inflammatory; fever reduction.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.8	Atropine Sulfate	09PH-00-ATSF
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antidote for organophosphate and nerve agent exposure.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.9	Ipratropium	09PH-00-ATVT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Bronchodilator	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.10	Beclomethasone	09PH-00-BCLM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Steroid, oral inhalant or nasal spray for respiratory disorders.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.11	Bismuth Products	09PH-00-BISM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anti-emetic	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.12	Calcium Chloride	09PH-00-CACL
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Electrolyte used in resuscitation settings.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.13	Calcium Gluconate	09PH-00-CALG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Electrolyte used in acute cases for hyperkalemia, hypocalcaemia, or calcium antagonist overdose. Also used in making a slurry for hydrogen fluoride burns.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.14	CANA Auto-Injector	09PH-00-CANA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Valium packaged in an auto-injector.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.15	Charcoal, Activated	09PH-00-CHAR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Used in emergency setting to treat oral ingestion poisoning/overdoses.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.16	Cyanide Antidote Kit	09PH-00-CYKT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Typical kit includes Sodium Nitrite, Sodium Thiosulfate and Amyl Nitrite inhalant.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 52 of 84

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

AEL Ref No	Title / Description	Fall 2004 SEL Ref Number
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
9.3.17	Dextrose	09PH-00-DEXT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Glucose compound for use in hypoglycemia.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.18	Diazepam	09PH-00-DIAZ
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anticonvulsant	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.19	Diphenhydramine	09PH-00-DIPH
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antihistamine	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.20	Dopamine	09PH-00-DOPA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Used in emergency setting to treat acute hypotension.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.21	Diethylenetriaminepenta-acetic Acid	09PH-00-DPTA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Used in emergency setting for hypertension.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.22	Electrolyte Replacement Fluid, Oral	09PH-00-ELEC
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Crystalloid solutions for fluid replacement (oral).	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.23	Epinephrine, Auto-Injector	09PH-00-EPIA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Epinephrine packaged in auto-injector	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.24	Epinephrine	09PH-00-EPIP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Catecholamine, used in cardiac arrest, as a vasoconstrictor acute hypotension, as a bronchodilator and antispasmodic in bronchial asthma.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.25	Fosphenytoin	09PH-00-FOSP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anticonvulsant	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.26	Furosemide	09PH-00-FURO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Diuretic	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.27	Glucagon	09PH-00-GLUC
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anti-hypoglycemia agent.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.28	Gransetron	09PH-00-GRAN
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antinauseant and antiemetic.	
	Note: Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 53 of 84

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

AEL Ref No	Title / Description	Fall 2004 SEL Ref Number
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
9.3.29	Lidocaine, all concentrations	09PH-00-LIDO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anti-dysrhythmic as well as analgesic properties.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.30	Loperamide	09PH-00-LOPE
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antidiarrheal agent	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.31	Lorazepam	09PH-00-LORA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Sedative; antianxiety agent; benzodiaphine.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.32	Nerve Agent Antidote Kit (NAAK)	09PH-00-M1AI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Commonly known as Mark 1 Kit (AutoInjector) Pralidoxime chloride autoinjector - 2-PAM; Atropine autoinjector.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.33	Magnesium Sulfate	09PH-00-MASU
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Electrolyte replacement, anticonvulsant, bronchodialator.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.34	Methylene Blue	09PH-00-METB
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Used in emergency setting for hemoglobinopathies.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.35	Methylprednisolone	09PH-00-METP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Corticosteroid; bronchodilation and anti-inflammatory characteristics.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.36	Midazolam	09PH-00-MZLM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Sedative; anticonvulsant, benzodazapine.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.37	Neuraminidase inhibitors	09PH-00-NEUR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anti-viral; FDA approved to treat and prevent INFLUENZA A and B viruses. Includes NI; oseltamivir and zanamivir.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.38	Nitroglycerin	09PH-00-NTRO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Nitrate; vasodilator and smooth muscle relaxant.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.39	Oxygen	09PH-00-OXYG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Oxygen	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.40	Penetrate calcium trisodium injection (Ca-DTPA)	09PH-00-PCTI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Radiation treatment drug for treating internal contamination; speed up excretion of the transuranium elements PLUTONIUM, AMERICIUM, and CURIUM from the body.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
9.3.41	Phenergan	09PH-00-PHNG
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antiemetic	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.42	Phenytoin	09PH-00-PHNT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Anti-convulsant	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.43	Potassium Iodide	09PH-00-POTI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Used in radiation emergency - protects the thyroid in a radiation emergency.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.44	Pralidoxime Chloride	09PH-00-PRAL
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Used in nerve agent and organophosphate exposures; Component of nerve agent antidote kit (NAAK).	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.45	Prussian Blue	09PH-00-PRUS
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Used in emergency setting for radiation exposures. Radioactive cesium and thallium, whether ingested or inhaled, will end up in the intestines. Prussian blue traps these materials in the intestines and keeps them from being absorbed by the body. The radioactive materials then move through the intestines and are excreted in bowel movements.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.46	Penetrate zinc trisodium injection (Zn-DTPA)	09PH-00-PZTI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Radiation treatment drug for treating internal contamination; speed up excretion of the transuranium elements PLUTONIUM, AMERICIUM and CURIUM from the body.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.47	Ribavirin	09PH-00-RIBA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Ribavirin is used in combination with interferon for the treatment of Hepatitis C. This medication is also used to treat severe lung infections caused by respiratory syncytial virus.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.48	Ringers Solution, Lactated	09PH-00-RING
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Crystalloid solution used for fluid replacement.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.49	Saline Solution	09PH-00-SALI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Crystalloid solution used for fluid replacement. May also be used for topical irrigation.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.50	Silver Sulfadiazine Cream	09PH-00-SISU
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Silver sulfadiazine, a sulfa drug, is used to prevent and treat infections of second- and third-degree burns.	
	<i>Note:</i> Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

9.3.51	Sodium Bicarbonate	09PH-00-SOBI
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Sodium bicarbonate is an electrolyte sometimes used in resuscitation, crush syndrome, or overdoses; used in acute acid-base imbalance in cardiac arrest.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.52	Sodium Thiosulfate	09PH-00-SOTH
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Used in the treatment of cyanide or arsenic poisoning; a typical component of cyanide antidote kits.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.53	Tetracaine Ophthalmic	09PH-00-TCOP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Ophthalmic anesthetic for use in eye injuries.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.54	Theophylline	09PH-00-THEO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Bronchodilator; Theophylline is used to prevent and treat wheezing, shortness of breath, and difficulty breathing caused by asthma, chronic bronchitis, emphysema, and other lung diseases.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.55	Thiamine	09PH-00-THIA
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Thiamine is a vitamin used by the body to break down sugars in the diet. The medication helps correct nerve and heart problems.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.56	Water, Sterile	09PH-00-WATR
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Fluid solution; topical irrigation or oral consumption.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.57	Acetaminophen	09PH-01-ACET
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Analgesic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.58	Ibuprofen	09PH-01-IBUP
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Nonsteroidal anti-inflammatory agent; analgesic.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.59	Ketorolac	09PH-01-KETO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Nonsteroidal anti-inflammatory agent; analgesic.	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.60	Amoxicillin	09PH-02-AMOX
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antibiotic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.61	Chloramphenicol	09PH-02-CHLO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antibiotic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 56 of 84

Section: 9 Medical Supplies and Limited Types of Pharmaceuticals

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
9.3.62	Ciprofloxacin	09PH-02-CPRO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antibiotic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.63	Doxycycline	09PH-02-DOXY
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antibiotic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.64	Erythromycin	09PH-02-ERYT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antibiotic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.65	Gentamicin	09PH-02-GENT
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antibiotic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.66	Polysporin Ointment	09PH-02-POLY
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antibiotic ointment	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.67	Streptomycin	09PH-02-STMY
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antibiotic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.68	Trimethoprim/Sulfamethoxazole	09PH-02-TRIM
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Antibacterial agent	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.69	Butorphanol Injection	09PH-03-BUTO
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Narcotic analgesic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.70	Morphine Sulfate	09PH-03-MOSU
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Narcotic analgesic	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	
9.3.71	Naloxone	09PH-03-NALX
<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Narcotic antagonist	
<i>Note:</i>	Medical equipment, supplies, and pharmaceuticals purchased under this grant program are allowable only t	

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 57 of 84

Section: 10 Power Equipment

AEL Ref No

Title / Description

Fall 2004

SEL Ref Number

SHSP/LETPP MMRS EMPG
UASI

10.1	Batteries, All Types, Sizes	10BC-00-BATT
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Batteries for all allowable equipment. Types including, but not limited: to Alkaline, Nickel-Cadmium (NICAD), Nickel Metal Hydride (NiMH), Lithium (Li-Ion). Form factors such as: AA, AAA, C and D cells, 9-Volt, Clamshell.	
10.2	Conditioners, Battery	10PE-00-BCON
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Battery Conditioners	
10.3	Generator	10GE-00-GENR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Generators, varying types and sizes, including gasoline, diesel, alternator and gas turbine powered devices.	
10.4	Cell, Fuel	10BC-00-FCEL
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Fuel Cells for all allowable equipment.	
10.5	System, Power Conditioning	10PE-00-PCDS
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Surge suppression	
10.6	Switch, Power Transfer	10PE-00-PTSW
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Switch for power output transfer to support generator maintenance and fueling.	
10.7	Charger	10BC-00-SOLR
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Including but not limited to: solar, natural gas, shore power, etc.	
10.8	Electrical Current Detectors and DC to AC inverter equipment	
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 58 of 84

Section: 11 CBRNE Reference Materials

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

11.0

NOTE TO APPLICANTS



Materials listed in the SEL are a representative sample of content meeting the intent of this item that are recommended by the Interagency Board for Equipment Standardization and Interoperability (IAB). Reference in the SEL to any specific publication or reference product does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government. The views and opinions of authors expressed in these publications and reference products do not necessarily reflect those of the United States Government. ODP neither endorses nor requires the purchase of any reference on this list. Reference materials related to CBRNE terrorism incident prevention and response are allowable under this item, regardless of whether they appear on the SEL.

(11.1) References

11.1.0

References



Reference materials and software designed to assist emergency preparedness and response personnel in preparing for and responding to a CBRNE terrorism incident. Includes field expedient references suitable for use at incident scene.

Note:

Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

11.1.1

Air Monitoring Instrumentation: A Manual for Emergency Investigatory and Remedial Responders

11RE-00-AIRM



Author: Maslansky, Carol J. and Maslansky, Steven P.
ISBN: 0471284602

Note:

Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

11.1.2

Common Sense Approach to Hazardous Materials

11RE-00-COMM



Author: Fire, Frank L.

Note:

Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

11.1.3

Clinical Toxicology of Commercial Products

11RE-00-CTCP



Author: Gosselin
ISBN: 683036327
Edition: 5th Edition

Note:

Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

11.1.4

Emergency Medical Response to Hazardous Materials

11RE-00-ERHM



Delmar Publishing
Author: Bevelacqua, Stilp
ISBN: 827378297
Edition: 1st
Pages: 522

Note:

Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 59 of 84

Section: 11 CBRNE Reference Materials

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/LETPP MMRS EMPG UASI</i>		
11.1.5 ✓ ✓ ✓ ✓	First Responder's Guide to Agricultural Chemicals Accidents Author: Foden-Weddell ISBN: 873717996 Pages: 540 <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-FGAC
11.1.6 ✓ ✓ ✓ ✓	HazMat Air Monitoring and Detection Devices Hawley ISBN: 0766807274 <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-HAMD
11.1.7 ✓ ✓ ✓ ✓	Handbook of Medical Toxicology Viccellio ISBN: 0316902470 <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-HBMT
11.1.8 ✓ ✓ ✓ ✓	Household Chemicals and Emergency First Aid Author: Foden, Weddell ISBN: 873719018 Pages: 448 <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-HCFA
11.1.9 ✓ ✓ ✓ ✓	Hazardous Materials Chemistry Delmar Publishing Author: Bevelacqua ISBN: 766814343 Edition: 1st Edition Pages: 192 <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-HMCD
11.1.10 ✓ ✓ ✓ ✓	Hazardous Materials Managing the Incident Author: Noll, Hildebrand, Yvorra ISBN: 0879391111 <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-HMMI
11.1.11 ✓ ✓ ✓ ✓	Jane's Facility Security Handbook Author: Kozlow, Sullivan ISBN: 710622880 Pages: 320 <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-JFSH
11.1.12 ✓ ✓ ✓ ✓	Joint Information Center (JIC) Manual <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-JICM
11.1.13 ✓ ✓ ✓ ✓	Mass Casualty and High Impact Incidents - An Operations Guide Author: Christen, Henry T. and Maniscalco, Paul M. ISBN: 0-13-099222-4 <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-MASS
11.1.14 ✓ ✓ ✓ ✓	Clinical Management of Poisoning and Drug Overdose Author: Olson ISBN: 0838502601 <i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	11RE-00-PODO

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 60 of 84

Section: 11 CBRNE Reference Materials

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
11.1.15 ✓ ✓ ✓ ✓	Special Operations of Terrorism and HazMat Crimes, Author: Hawley, Noll, Hildebrand	11RE-00-SPOP
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.1.16 ✓ ✓ ✓ ✓	Street Smart HazMat Response Callan	11RE-00-STRT
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.1.17 ✓ ✓ ✓ ✓	Tempest CB FRG (Chem Bio) First Responder Guidebook	11RE-00-TCBF
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.1.18 ✓ ✓ ✓ ✓	Tempest Chem Bio Frequently Asked Questions (CB FAQ) Author: Graves ISBN: 966543718 Edition: 1st Pages: 175	11RE-00-TCBQ
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.1.19 ✓ ✓ ✓ ✓	Terrorism Response: Field Guide for Fire and EMS Organizations Author: Christen, Henry T. and Maniscalco, Paul M. ISBN: 0-13-110906-5	11RE-00-TERF
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.1.20 ✓ ✓ ✓ ✓	Terrorism Response: Field Guide for Law Enforcement Author: Christen, Henry T. and Maniscalco, Paul M. ISBN: 0-13-110747-X	11RE-00-TERL
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.1.21 ✓ ✓ ✓ ✓	Terrorism Handbook for Operational Responders Delmar Publishing Author: Bevelacqua, Stilp ISBN: 766804755 Edition: 1st Edition Pages: 110	11RE-00-THOR
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.1.22 ✓ ✓ ✓ ✓	Transport of Radiological Materials; Q&A About Incident Response Author: Berga, Byrd, et al	11RE-00-TRMQ
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.1.23 ✓ ✓ ✓ ✓	Understanding Terrorism and Managing the Consequences Author: Christen, Henry T. and Maniscalco, Paul M. ISBN: 0-13-021229-6	11RE-00-UNDR
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	

(11.2) Field Expedient References

11.2.0 ✓ ✓ ✓ ✓	Field Expedient References
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 61 of 84

Section: 11 CBRNE Reference Materials

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/LETPP MMRS EMPG UASI</i>		
11.2.1	CHRIS Manual	11FR-00-CHRS
✓ ✓ ✓ ✓	Author: USCG	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.2	Emergency Action Guides	11FR-00-EAGR
✓ ✓ ✓ ✓	Author: Association of American Railroads	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.3	Emergency Care for Hazardous Materials Exposure	11FR-00-ECHE
✓ ✓ ✓ ✓	Author: Bronstein, Currance ISBN: 801678137 Edition: 2nd Pages: 635	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.4	Effects of Exposure to Toxic Gases; First Aid and Medical Treatment	11FR-00-EETG
✓ ✓ ✓ ✓	Author: Matheson ISBN: 9994698605	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.5	Emergency Handling of Hazardous Materials in Surface Transportation	11FR-00-EHMR
✓ ✓ ✓ ✓	Author: Association of American Railroads ISBN: 9990687005	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.6	EPA Recognition and Management of Pesticide Poisoning	11FR-00-EPAP
✓ ✓ ✓ ✓	Author: Morgan ISBN: 0912702818	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.7	Farm Chemicals Handbook	11FR-00-FCHM
✓ ✓ ✓ ✓	Author: Meister ISBN: 9990801061 Edition: 2002	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.8	GATX Tank Car Manual	11FR-00-GATX
✓ ✓ ✓ ✓	Author: GATX	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.9	Gardner's Chemical Synonyms and Trade Names	11FR-00-GCST
✓ ✓ ✓ ✓	Author: Milne ISBN: 566082195 Edition: 11th	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.10	Genium's Handbook of Safety, Health, and Environmental Data	11FR-00-GENI
✓ ✓ ✓ ✓	McGraw ISBN: 0071341439	
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	

Section: 11 CBRNE Reference Materials

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
11.2.11	Pocket Guide for Industrial Chemicals	11FR-00-GICN
✓ ✓ ✓ ✓	Author: National Institute for Occupational Safety and Health	
<i>Note:</i>	Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.12	Hazardous Chemicals Desk Reference	11FR-00-HAZD
✓ ✓ ✓ ✓	Author: Lewis, Richard J. ISBN: 0471441651	
<i>Note:</i>	Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.13	Hawley's Condensed Chemical Dictionary	11FR-00-HCCD
✓ ✓ ✓ ✓	Author: Lewis, Hawley ISBN: 471387355 Edition: 14th Pages: 1,300	
<i>Note:</i>	Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.14	Hazardous Materials Field Guide	11FR-00-HMFG
✓ ✓ ✓ ✓	Delmar Publishing Author: Bevelacqua, Stilp ISBN: 766801551 Edition: 1st Pages: 96	
<i>Note:</i>	Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.15	Hazardous Materials Managing the Incident - FOG	11FR-00-HMMJ
✓ ✓ ✓ ✓	Author: Noll, Hildebrand, Yvorra Field operations guide	
<i>Note:</i>	Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.16	Handbook of Toxic and Hazardous Chemicals and Carcinogens	11FR-00-HTCC
✓ ✓ ✓ ✓	Author: Sittig, Pohanish ISBN: 081551459X Edition: 4th Pages: 2,300	
<i>Note:</i>	Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.17	Hazardous Material Injuries	11FR-00-HZMI
✓ ✓ ✓ ✓	Author: Stuz	
<i>Note:</i>	Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.18	Jane's Chemical/Biological Handbook	11FR-00-JCBH
✓ ✓ ✓ ✓	Author: Sidell ISBN 710619235 Pages: 298	
<i>Note:</i>	Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.19	Management of Chemical Warfare Casualties	11FR-00-MCWC
✓ ✓ ✓ ✓	Author: Sidell, DOD	
<i>Note:</i>	Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	

Section: 11 CBRNE Reference Materials

<i>AEL Ref No</i>	<i>Title / Description</i>	<i>Fall 2004 SEL Ref Number</i>
<i>SHSP/ LETPP MMRS EMPG UASI</i>		
11.2.20 ✓ ✓ ✓ ✓	Merck Index Author: Chapman, Hall ISBN: 412128217 Edition: 12th	11FR-00-MERK
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.21 ✓ ✓ ✓ ✓	Matheson Gas Data Book Author: Matheson	11FR-00-MGDB
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.22 ✓ ✓ ✓ ✓	Medical Management of Biological Casualties Handbook Author: DOD	11FR-00-MMBC
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.23 ✓ ✓ ✓ ✓	Medical Management of Chemical Casualties Handbook Author: DOD	11FR-00-MMCC
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.24 ✓ ✓ ✓ ✓	Medical Management of Radiological Casualties Handbook Author: DOD ISBN: 1931828237 Edition: 1st Edition Pages: 133	11FR-00-MMRC
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.25 ✓ ✓ ✓ ✓	North American Emergency Response Guidebook Author: U.S. Department of Transportation ISBN: 066017992X Edition: 2000	11FR-00-NA00
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.26 ✓ ✓ ✓ ✓	Quick Selection Guide to Chemical Protective Clothing Author: Forsberg, Mausdorf ISBN: 471287970 Edition: 3rd Pages: 124	11FR-00-QGPC
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.27 ✓ ✓ ✓ ✓	Sax's Dangerous Properties of Industrial Materials Author: Lewis, Richard J. ISBN: 0471354074	11FR-00-SAXS
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.28 ✓ ✓ ✓ ✓	Symbol Seeker, Hazard Identification Manual, International Edition Author: IFTSA Edition: International Edition	11FR-00-SYMS
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	
11.2.29 ✓ ✓ ✓ ✓	TLVs and BEIs Guidebook Author: ACGIH	11FR-00-TLVS
	<i>Note:</i> Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re	

(11.3) Reference Databases

*Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.
Tuesday, January 18, 2005*

Full AEL: Page 64 of 84

Section: 11 CBRNE Reference Materials

AEL Ref No

Title / Description

Fall 2004

SEL Ref Number

SHSP/ LETPP MMRS EMPG
UASI

11.3.0

Reference Databases

☒ ☒ ☒ ☒

Note:

Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

11.3.1

NIOSH Guide to Chemical Hazards (Electronic)

11RD-00-NGCH

☒ ☒ ☒ ☒

CDC/NIOSH - Electronic version of the pocket guide.

Note:

Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

11.3.2

Gloves Plus

11RD-00-GPPS

☒ ☒ ☒ ☒

Author: Keith, Lawrence
ISBN: 873717104
Pages: 26

Note:

Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

11.3.3

Tomes Plus / Chemical Knowledge Database

11RD-00-TPLS

☒ ☒ ☒ ☒

Author: Micro Medix
Pages: CD-ROM

Note:

Materials listed in the SEL are a representative sample of content meeting the intent of this item that are re

(11.4) Other References

11.4.0

Other References

☒ ☐ ☐ ☒

11.4.1

Reference Materials, non-CBRNE

☒ ☐ ☐ ☒

Reference materials necessary to manage an effective all-hazards program (including non-CBRNE hazards) that are not covered elsewhere in Section 11.

Section: 12 CBRNE Incident Response Vehicles

AEL Ref No

Title / Description

Fall 2004

SHSP/ LETPP MMRS EMPG
UASI

SEL Ref Number

12.0

NOTE TO APPLICANTS

☒ ☒ ☒ ☐

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

12.1

Vehicles, Mobile Command Post

☒ ☒ ☐ ☐

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

12.2

Vehicles, Hazardous Materials (HAZMAT) Response

☒ ☒ ☒ ☐

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

12.3

Vehicles, Bomb Response

☒ ☒ ☐ ☐

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

12.4

Prime Movers, for Equipment Trailers

☒ ☒ ☒ ☐

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 66 of 84

Section: 12 CBRNE Incident Response Vehicles

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

12.5

Vehicles, Personal Transport

☒ ☒ ☐ ☐

2-wheel personal transport vehicles for transporting fully suited bomb technicians, Level A/B suited technicians to the hot zone.

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

12.6

Vehicle, All-Terrain, Multi-wheeled (ATV)

☒ ☒ ☒ ☐

Multi-wheeled all terrain vehicles for transporting personnel and equipment to and from the hot zone.

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

12.7

Morgue Unit, Mobile

☒ ☒ ☒ ☐

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

12.8

Vehicles, Deployment

☒ ☒ ☐ ☐

Response vehicles to deploy bomb, hazmat, and special weapons personnel, equipped to detect chemical, biological and radiological materials; these vehicles may be armored to protect these personnel from explosions and projectiles when required to enter hot zones.

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 67 of 84

Section: 12 *CBRNE Incident Response Vehicles*

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

12.9

Vehicles, Specialized Intervention

☒ ☒ ☐ ☐ Specialized vehicles for intervention operations.

This category includes special-purpose vehicles for the transport of CBRNE terrorism response equipment and personnel to the incident site. Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant. In addition, general-purpose vehicles (squad cars, executive transportation, etc.), fire apparatus, and non-CBRNE tactical/armored assault vehicles are not allowable.

12.10

Vehicles, Specialized Emergency Management

☐ ☐ ☐ ☒ Specialized vehicles for emergency management operations. This category includes special-purpose vehicles for the transport of response equipment and personnel to incident sites which may have limited or restricted access as a result of an emergency or disaster.

(NOTE: Licensing and registration fees are the responsibility of the jurisdiction and are not allowable under this grant.
General-purpose vehicles (squad cars, executive transportation, non-emergency management transport, etc.), fire apparatus, and tactical/armored assault vehicles are NOT allowable under this item.)

Section: 13 Terrorism Incident Prevention Equipment

AEL Ref No

Title / Description

Fall 2004

SHSP/ LETPP MMRS EMPG
UASI

SEL Ref Number

13.1 Software, Data collection/ Information Gathering

☒ ☒ ☐ ☐

13.2 Software, Data Synthesis

☒ ☒ ☐ ☐

13.3 Joint Regional Information Exchange System (JRIES)

☒ ☒ ☐ ☐

13.4 System, Alert/Notification

04MA-02-ALRT

☒ ☒ ☐ ☐

Alert and notification equipment that allows for real-time dissemination of information & intelligence. Examples of this equipment include cellular phones, pagers, text messaging, etc.

13.5 Hardware, software and internet-based systems that allow for information exchange and dissemination

☒ ☒ ☐ ☐

13.6 Software, Facial Recognition

04SW-02-FACR

☒ ☒ ☐ ☐

Facial recognition software for access control, identification of criminal actors (IFF), etc.

(NOTE: DHS has adopted INCITS 385-2004, Information technology - Face Recognition Format for Data Interchange. ONLY SOFTWARE COMPLIANT WITH THIS STANDARD WILL BE ALLOWABLE.)

13.7 Fees for use of databases containing terrorist threat information

☒ ☒ ☐ ☐

13.8 Equipment, Law Enforcement Surveillance

☒ ☒ ☐ ☐

Surveillance equipment, including electronic equipment. Use is subject to the prohibitions contained in Title III of the Omnibus Crime and Control and Safe Streets Act of 1968 (the "Wiretap Act"), 18 U.S.C. §§ 2510-2521.

13.9 PIN Registers

☒ ☒ ☐ ☐

Equipment capable of capturing incoming and outgoing phone numbers, along with the duration of calls, without listening to the actual conversations. Use is subject to the prohibitions contained in Title III of the Omnibus Crime and Control and Safe Streets Act of 1968 (the "Wiretap Act"), 18 U.S.C. §§ 2510-2521.

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 69 of 84

Section: 14 Physical Security Enhancement Equipment

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

(14.1) Surveillance, Warning, Access/ Intrusion Control

(14.1.1) General

14.1.1.1 Systems, Motion Detection

☒ ☒ ☐ ☐ Acoustic; Infrared; Seismic; Magnetometers

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.1.2 Barriers: Fences; Jersey Walls

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.1.3 Doors and Gates, Impact Resistant

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.1.4 Portal Systems; locking devices for access control

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.1.5 Systems, Alarm

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.1.6 Video Assessment

☒ ☒ ☐ ☐ Video Assessment System/Cameras: Standard, Low Light, IR, Automated Detection

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.1.7 Systems, Personnel Identification

☒ ☒ ☐ ☐ Visual; Electronic; Acoustic; Laser; Scanners; Cyphers/Codes

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.1.8 Systems, Vehicle Identification

☒ ☒ ☐ ☐ Visual; Electronic; Acoustic; Laser; Radar

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.1.9 X-Ray Units

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.1.10 Magnetometers

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

(14.1.2) Waterfront

14.1.2.1 Systems, Radar

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 70 of 84

Section: 14 Physical Security Enhancement Equipment

AEL Ref No
SHSP/LETPP MMRS EMPG
UASI

Title / Description

Fall 2004
SEL Ref Number

14.1.2.2 System, Diver/Swimmer Detection; Sonar

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.2.3 Equipment, Hull Scanning

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.1.2.4 Barriers, Vessel

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

(14.2) Explosion Protection

14.2.1 Systems, Blast/Shock/Impact Resistant

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.2.2 Wraps, Column and Surface; Breakage/Shatter Resistant Glass; Window Wraps

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.2.3 Trash Receptacles, Bomb-Resistant

☒ ☒ ☐ ☐

Bomb-resistant trash receptacles.

(NOTE: No standard currently exists for these products. Grantees are advised to carefully review vendor specifications and test results prior to purchase.)

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

(14.3) Support Equipment for Continuation of Critical Infrastructure Operations

14.3.1 Fuel storage containers

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.3.2 Sensors and Alarms, Self-Monitoring

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

14.3.3 Back-up operating computer hardware and programming software for contingency operations

☒ ☒ ☐ ☒

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 71 of 84

Section: 15 Inspection and Screening Systems

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

15.1 System, Vehicle & Cargo Inspection; Gamma-Ray

☒ ☒ ☐ ☐

15.2 System, Mobile Search & Inspection; X-ray

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

15.3 System, Non-Invasive, Radiological/ Chem/ Bio/ Explosives; Pulsed Neutron Activation

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

15.4 Radar, Ground/Wall Penetrating

☒ ☒ ☐ ☐

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

15.5 Monitors, Portal

07RD-03-PMVP

☒ ☐ ☒ ☐ Portal monitors [vehicles, packages (large and small) and pedestrians]. [D]

(SEE ODP BULLETIN 133 FOR SPECIAL GUIDANCE ON THESE ITEMS).

Note: Grantees should leverage private assets where appropriate when implementing security enhancements at p

Section: 16 Agricultural Terrorism Prevention, Response and Mitigation

AEL Ref No **Title / Description**

*SHSP/ LETPP MMRS EMPG
UASI*

Fall 2004

SEL Ref Number

(16.1) Animal Restraint

16.1.1 **Probangs**

☒ ☐ ☐ ☐

16.1.2 **Nose Leads**

☒ ☐ ☐ ☐

16.1.3 **Lariat**

☒ ☐ ☐ ☐

16.1.4 **Hog Snare**

☒ ☐ ☐ ☐

16.1.5 **Portable Cattle and Hog Chutes**

☒ ☐ ☐ ☐

16.1.6 **Knee Boards**

☒ ☐ ☐ ☐

16.1.7 **Hog paddles**

☒ ☐ ☐ ☐

16.1.8 **Electric Prods**

☒ ☐ ☐ ☐

16.1.9 **Halters**

☒ ☐ ☐ ☐

16.1.10 **Swine Mouth Speculum**

☒ ☐ ☐ ☐

16.1.11 **Panels**

☒ ☐ ☐ ☐

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 73 of 84

Section: 16 Agricultural Terrorism Prevention, Response and Mitigation

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

16.1.12 Portable pens, crates, kennels

☒ ☐ ☐ ☐

16.1.13 Leashes

☒ ☐ ☐ ☐

(16.2) Diagnostic and Treatment Equipment

16.2.1 Biohazard packing container

☒ ☐ ☒ ☐

16.2.2 Blood sampling supplies (needles, syringes, blood tubes)

☒ ☐ ☒ ☐

16.2.3 Biohazard bags and containers

☒ ☐ ☒ ☐

16.2.4 Sharps Containers

☒ ☐ ☒ ☐

16.2.5 Animal identification supplies (back tags, marker crayons, waterproof tape and pens)

☒ ☐ ☒ ☐

16.2.6 Specimen containers

☒ ☐ ☒ ☐

16.2.7 Ice packs for shipping and access to freezer

☒ ☐ ☒ ☐

16.2.8 Chisel

☒ ☐ ☒ ☐

16.2.9 Disposable scalpels/blades

☒ ☐ ☒ ☐

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 74 of 84

Section: 16 Agricultural Terrorism Prevention, Response and Mitigation

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

16.2.10 Surgical scissors

☒ ☐ ☒ ☐

16.2.11 Pliers

☒ ☐ ☒ ☐

16.2.12 Forceps

☒ ☐ ☒ ☐

(16.3) Cleaning, Disinfection, and Fumigation

16.3.1 Bleach

☒ ☐ ☒ ☐

16.3.2 Potassium bromide

☒ ☐ ☒ ☐

16.3.3 Other surface and topical disinfectants

☒ ☐ ☒ ☐

16.3.4 Soda ash

☒ ☐ ☒ ☐

16.3.5 Sodium Hydroxide and Vinegar

☒ ☐ ☒ ☐

(16.4) Disposal Equipment and Supplies

16.4.1 Draglines

☒ ☐ ☐ ☐

16.4.2 Heavy plastic liners

☒ ☐ ☐ ☐

(16.5) Burning and Incinerating Supplies

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 75 of 84

Section: 16 *Agricultural Terrorism Prevention, Response and Mitigation*

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

16.5.1 Clean fuel oil and other incineration materials

☒ ☐ ☐ ☐

16.5.2 Portable incinerators

☒ ☐ ☐ ☐

(16.6) Depopulation

16.6.1 Euthanasia guidelines

☒ ☐ ☐ ☐

16.6.2 Euthanasia solution

☒ ☐ ☐ ☐

16.6.3 Captive bolt pistol (appropriate gauge)

☒ ☐ ☐ ☐

16.6.4 Lining and covering for buried waste

☒ ☐ ☐ ☐

(16.7) General

16.7.1 Animal handling guidelines

☒ ☐ ☒ ☐

16.7.2 Quarantine forms

☒ ☐ ☒ ☐

16.7.3 Plastic file boxes or filing cabinets

☒ ☐ ☒ ☐

16.7.4 Identification system for animals

☒ ☐ ☒ ☐

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 76 of 84

Section: 16 Agricultural Terrorism Prevention, Response and Mitigation

AEL Ref No

Title / Description

Fall 2004

***SHSP/ LETPP MMRS EMPG
UASI***

SEL Ref Number

16.7.5

**Reference materials for specific animal management in disasters/agro-
terrorism**

☒ ☐ ☒ ☐

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 77 of 84

Section: 17 *CBRNE Prevention and Response Watercraft*

AEL Ref No

Title / Description

Fall 2004

SEL Ref Number

*SHSP/LETPP MMRS EMPG
UASI*

17.1

Watercraft, CBRNE Prevention and Response

☒ ☒ ☐ ☐

This category allows for the purchase of surface boats and vessels for homeland security purposes, including prevention and response. Allowable uses for CBRNE terrorism prevention and response watercraft include protection of ports, critical waterways and dams, reservoirs, and large lakes. To be eligible, these waterways must be identified as a critical asset to the state through a vulnerability assessment. In addition, the State Homeland Security Strategy or Urban Area Homeland Security Strategy must identify these waterways as critical assets requiring state and/or local prevention and response capabilities.

(NOTE: Allowable costs for this watercraft category include the purchase of surface boats and vessels, as well as customary and specialized navigational, communications, safety, and operational equipment necessary to enable such watercraft to support the homeland security mission. Licensing, registration fees, insurance and all ongoing operational expenses are the responsibility of the grantee or local units of government and are not allowable under these grant programs.

Prior to obligating funds in this equipment category for missions other port security, grantees must obtain a written waiver from ODP by consulting with their Preparedness Officer and providing a detailed justification for the request.)

Section: 18 CBRNE Aviation Equipment

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

18.1

Aviation Equipment, CBRNE

☒ ☐ ☐ ☐

This category allows for the purchase of special-purpose aviation equipment where: (a) such equipment will be utilized primarily for homeland security objectives and permissible program activities; (b) the local units of government certifies that it has an operating aviation unit; and (c) the costs for operation and maintenance of such equipment will be paid from nongrant funds. Aviation equipment is defined to include fixed-wing aircraft, helicopters, and air-safety containers for CBRNE terrorism prevention, response, mitigation and/or remediation. Allowable costs include the purchase of customary and specialized navigational, communications, safety, and operational equipment necessary for CBRNE prevention, response and/or recovery.

(NOTE: Prior to obligating funds for this category of equipment, grantees must obtain a waiver from Department of Homeland Security Secretary through ODP by first consulting with their DHS-ODP Preparedness Officer and providing a detailed justification for obligating funds in this category, and receiving approval to obligate funds. The detailed justification must address the following requests:

1. Please justify the need for the aircraft and how the requested platform best meets that need as compared to other options.
2. Please certify on signed letterhead that an existing aviation unit is operating and will continue to operate independent of the requested funding.
3. Please identify the applicable goals and objectives in your State/Urban Area Homeland Security Strategy that the requested aircraft addresses.
4. Please explain how the request aircraft fits into the State/Urban Area's integrated operational plans.
5. Please explain what types of terrorism incident response and prevention equipment with which the requested aircraft will be outfitted.
6. Please describe how this aircraft will be used operationally and which response assets will be deployed using the requested aircraft.
7. Please describe how this aircraft will be utilized on a regular, non-emergency basis.

Licensing, registration fees, insurance, and all ongoing operational expenses are the responsibility of the grantee or the local units of government and are not allowable under this grant. In addition, the purchases of general-purpose public safety aircraft such as, but not limited to, firefighting planes or police helicopters are not allowable. Furthermore, local units of government, including State agencies, must certify that they have an operating aviation unit and that no expenses will be charged against the grant award for the operation of such aviation unit. Also prohibited is aviation equipment acquisition that is inconsistent with the State's updated homeland security assessment and strategy.)

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 79 of 84

Section: 19 CBRNE Logistical Support Equipment

AEL Ref No

Title / Description

Fall 2004

SHSP/ LETPP MMRS EMPG
UASI

SEL Ref Number

(19.1) Shelter Systems

19.1.1

Systems, Shelter, Rapid Deployment

03LG-01-SHEL

☒ ☒ ☒ ☐

Rapidly deployable shelter systems, hardwall or softwall (command and control, triage, etc.).

(NOTE: This item does not include any fixed construction; only portable shelters are allowable.)

19.1.2

System, Environmental Control

03LG-01-SHEN

☒ ☒ ☒ ☐

Environmental control system for shelters.

19.1.3

System, Collective Protective

03LG-01-SHEP

☒ ☒ ☒ ☐

Collective protective system for shelters.

(19.2) General

19.2.1

Trailers, Equipment

☒ ☒ ☒ ☒

19.2.2

Trailers, Water/Source

03LG-00-H2OT

☒ ☒ ☒ ☒

Water trailers (potable and non-potable)

19.2.3

Containers, Storage

03LG-00-CONT

☒ ☒ ☒ ☒

Storage containers

19.2.4

Containers, Hazardous Material Shipping

03LG-00-CHMS

☒ ☒ ☒ ☒

Hazardous material shipping containers

19.2.5

Freezer/Refrigerator

03LG-00-FRZR

☒ ☒ ☒ ☒

Freezer/refrigerator for use with pharmaceuticals, reagents, and other allowable items.

19.2.6

Compressor, Air

03EQ-00-COMP

☒ ☒ ☒ ☒

Compressor, Air, suitable for refilling self contained breathing apparatus (SCBA)

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 80 of 84

Section: 19 CBRNE Logistical Support Equipment

AEL Ref No <i>SHSP/ LETPP MMRS EMPG UASI</i>	Title / Description	Fall 2004 SEL Ref Number
------------------------------------------------------------	----------------------------	-------------------------------------

19.2.7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Carts, Portable Air Cylinder Portable air cylinder carts for carrying spare cylinders to forward locations.	03EQ-00-CPAC
19.2.8 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	System, Public Address Megaphone/Public Address System	03SC-00-MEGA
19.2.9 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	System, Access Control Access control system and badges	03SC-01-ACCS
19.2.10 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Fans, Cooling/Heating/Ventilation For personnel and decontamination tent use	

Section: 20 Intervention Equipment

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

20.1

Equipment, Tactical Entry (not including weapons)

☒ ☒ ☐ ☐

20.2

Multiple Integrated Laser Engagement System (MILES)

☒ ☒ ☐ ☐

The Multiple Integrated Laser Engagement System (MILES) is a training system that provides a realistic environment for responders involved in training exercises. MILES provides tactical intervention simulation for direct fire force-on-force training using eye safe laser "bullets". Each individual and vehicle in the training exercise has a detection system to sense hits and perform casualty assessment. Laser transmitters are attached to each individual and vehicle weapon system and accurately replicate actual ranges and lethality of the specific weapon systems. MILES training has been proven to dramatically increase the readiness and effectiveness intervention personnel.

20.3

Equipment, Fingerprint Processing

☒ ☒ ☐ ☐

Equipment for fingerprint processing, including AFIS interface equipment.

Section: 21 Other Authorized Equipment

AEL Ref No

Title / Description

Fall 2004

SHSP/LETPP MMRS EMPG
UASI

SEL Ref Number

21.1

Sales Tax

☒ ☒ ☒ ☒ Sales tax on equipment purchased with grant funding.

21.2

Shipping

☒ ☒ ☒ ☒ Shipping costs for equipment purchased with grant funding

21.3

Leasing of Space for Equipment Storage

☒ ☒ ☒ ☒ Leasing (or rental) of space for storage of allowable equipment item.

(NOTE: GRANT FUNDS MAY BE USED TO COVER ONLY THAT PORTION OF THE LEASING/RENTAL PERIOD THAT OCCURS DURING THE GRANT PROJECT PERIOD. GRANTEEES ARE REMINDED THAT SUPPLANTING OF PREVIOUSLY PLANNED OR BUDGETED ACTIVITIES IS STRICTLY PROHIBITED.)

21.4

Installation

☒ ☒ ☒ ☒ Installation costs for authorized equipment purchased through ODP grants

21.5

Maintenance

☒ ☒ ☒ ☒ Maintenance contracts for authorized equipment purchased through ODP grants and/or acquired through DHS-ODP's Homeland Defense Equipment Reuse (HDER) Program

Note: Homeland Defense Equipment Reuse Program

21.6

Training

☒ ☒ ☒ ☒ Training on CBRNE and cyber security equipment by vendors or local entities. DHS encourages the use of Domestic Preparedness Equipment Technical Assistance Program (DPETAP) for equipment training; however, manufacturer/vendor equipment training, the cost of overtime to attend the training, and costs related to having vendors provide training on equipment to State and/or local units of government is allowed to facilitate the training on and fielding of equipment. Note that training expenses allowable under this item must be equipment-specific. Expenses for generic training or operations training (even if equipment is used during the training) are not allowable. For non-equipment-specific training, please see applicable training guidelines in the FY2005 grant kit.

21.7

Programming for XML Compliance

☒ ☒ ☒ ☒ Programming and technical assistance for bringing systems into compliance with the Global Justice XML Data Model. This item also includes training for programmers on the Global Justice XML Data Model, the cost of overtime to attend the training, and costs related to on-site training to State and/or local units of government.

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 83 of 84

Section: 21 Other Authorized Equipment

AEL Ref No

Title / Description

Fall 2004

*SHSP/ LETPP MMRS EMPG
UASI*

SEL Ref Number

21.8

Consulting Services in Support of Equipment Acquisition

☒ ☒ ☒ ☒

Use of consultants in the design of customized versions of allowable equipment, or to supervise construction/installation of allowable equipment.

21.9

Citizen Corps Equipment

☒ ☐ ☒ ☒

Equipment related to specific training or volunteer assignments for CERT, Neighborhood Watch, VIPS, MRC, and Fire Corps and outfitting trainees and volunteers with program-related materials and equipment, e.g. issuing CERT kits, credentials/badges, and identifying clothing.

21.10

Equipment and Supplies, Information/Operations Center

☐ ☐ ☐ ☒

Necessary equipment and supplies to establish and maintain a Joint Information Center or Emergency Operations Center. Includes equipment necessary to establish a JIC/EOC (e.g. projector display, portable podium, etc.) that is not specifically covered in other areas of the AEL.

Interactive versions of this appendix and the Fall 2004 SEL are available on-line at www.rkb.mipt.org.

Tuesday, January 18, 2005

Full AEL: Page 84 of 84